

Durvet Antibacterial & Antifungal Wipes

SAFETY DATA SHEET

Ref: OSHA Hazard Communication Standard, 29 CFR 1910.1200 and GHS (Globally Harmonized System) guidelines

SECTION 1: PRODUCT IDENTIFICATION AND IDENTIFICATION OF THE COMPANY / UNDERTAKING

Product Identifier

Product name: Chlorhexidine & Ketoconazole Spray, Mousse or Wipes for Pets,
(formula SPKSP)

Recommended Use of the Product and restriction on use

Relevant identified uses: Soothing and relieving topical spray, mousse or wipes for pets.

Uses advised against: For Use Only in Animals

Reasons why uses are advised against: N/A

Manufacturer or supplier details

Distributor:

United States

Tropichem Research Labs, LLC dba Vetio
15843 Guild Ct
Jupiter, FL 33478
1-561-804-7603

Dist. By: Durvet, Inc.
100 SE Magellan Dr.
Blue Springs, MO 64014
(800)821-5570

Emergency telephone number:

United States

CHEMTREC

1-800-424-9300 (24 hours)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classifications of the substance or mixture:

Classification according to GHS 29CFR 1910.1200

GHS classification:

Skin corrosion/irritation	: Category 3
Sensitization, Skin	: Category 1
Serious eye damage/eye irritation	: Category 1
Sensitization, respiratory	: Category 1
Reproductive toxicity	: Category 1
Specific target organ toxicity, repeated exposure	: Category 2
Hazardous to the aquatic environment, long-term hazard	: Category 2

2.2 Label Elements

Hazard pictograms:



Signal Word: Danger

Hazard statement:

H316: Causes mild skin irritation

H317: May cause an allergic skin reaction

H318: Causes serious eye damage

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

H360: May damage fertility or the unborn

H373: May cause damage to organs through prolonged or repeated exposure

H411: Toxic to aquatic life with long lasting effects

Precautionary statements:

Prevention

P101: If medical advice is needed: Have product container or label at hand

P102: Keep out of reach of children.

P103: Read label before use.

P203: Obtain, read, and follow all safety instructions before use.

P233: Keep container tightly closed.

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P264+P265: Wash hands thoroughly after handling. Do not touch eyes.

P271: Use only outdoors or in a well-ventilated area.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves, protective clothing, eye protection and face protection.

P284: In case of inadequate ventilation, wear respiratory protection.

Response:

P302+P352: IF ON SKIN: wash with plenty of water.

P304+P340: IF INHALED remove person to fresh air and keep comfortable for breathing.

P305+P354+P338: IF IN EYES Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P333+P317: If skin irritation or rash occurs: Get medical help.

P318: if exposed or concerned, get medical advice.

P319: Get medical help if you feel unwell.

P342+P316: If experiencing respiratory symptoms Get emergency medical help immediately.

P362+P364: Take off contaminated clothing and wash it before reuse.

Document State: Effective (Controlled)

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P391: Collect spillage.

Storage:

P403: Store in a well-ventilated place.

P405: Store locked up.

Disposal:

P501: Dispose of contents in accordance with local/regional/national/international regulations.

2.3 Hazards not otherwise classified:

N/A

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Description of the mixture: Water based (Mixture)

Chemical name	CAS#	Weight %	Classification GHS (Rev 5)
Chlorhexidine Gluconate	18472-51-0	2	H318, H410
Ketoconazole	65277-42-1	1	H301, H333, H317, H410, H360, H373, H334
Lactic Acid	79-33-4	0.5 - 1.0	H314, H318
Fragrance	Mixture	0.1 - 0.5	H315, H317

Additional information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

General notes:

In the case of an accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt, seek medical advice.

Show this safety data sheet to the doctor in attendance.

Do not leave the victim unattended.

Relevant routes of exposure:

Inhalation:

If inhaled, remove from contaminated area. If unconscious, place in recovery position and seek medical attention. Apply artificial respiration if not breathing.

Skin contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash with water and soap as a precaution. Get medical attention if symptoms occur.

Eye contact:

If contact with eyes occurs, immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.

Ingestion:

If swallowed, contact your regional poison center or physician immediately. Rinse mouth thoroughly with water and afterwards drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Acute symptoms and effects: N/A

Delayed symptoms and effects: N/A

4.3 Indication of any immediate medical attention and special treatment

Treat symptomatically and supportively.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None known.

5.2 Special Hazards arising from the substance or mixture: This product is not classified as flammable. May evolve carbon oxides and hydrocarbons when heated to decomposition. Containers may rupture if exposed to extreme heat.

5.3. Advice for Fire-Fighters: Treat as per requirements for surrounding fires. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Cool intact containers and nearby storage areas.

5.4 Further Information: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures:

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

6.2 Environmental precautions:

Avoid release into the environment. Prevent product from entering drains and waterways.

6.3 Methods and material for containment and cleaning up:

Contain spills to prevent spreading. Wipe up with absorbent material. Collect and dispose of in accordance with local regulations.

Reference to other sections:

See sections 13 and 15 of this SDS for exposure controls and disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Before using carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

7.2 Conditions for safe storage, including any incompatibilities:

Store at room temperature, protect from freezing.

7.3 Specific End Use(s):

This product is intended for consumer use as specified in Section 1.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values: Not determined

Biological limit values: Not determined.

8.2 Exposure controls

Information on monitoring procedures: Not determined.

Appropriate engineering controls: Use adequate general and/or local exhaust ventilation to minimize worker exposure. Engineering controls should be used to reduce exposure to the lowest feasible level.

Personal protection equipment

Eye and face protection: Wear chemical splash goggles during bulk handling or decanting. Use a face shield where splashing or spraying is likely.

Skin and body protection: Wear protective gloves to avoid skin contact, especially during prolonged or repeated exposure. Remove contaminated clothing and wash skin thoroughly after handling.

Respiratory protection: If ventilation is inadequate or airborne exposure limits may be exceeded, use an appropriate approved respirator.

General hygienic measures: Avoid contact with skin, eyes, and clothing. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Remove contaminated clothing and wash before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Clear, pale yellow to dark red-colored liquid [color deepens over time]
Odor:	Characteristic cucumber-melon fragrance
Odor threshold:	No data available
pH:	3.4 – 4.2
Melting point/Freezing point:	No data available
Initial boiling point/range:	> 99°C
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper flammability/explosive limit:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	No data available
Solubilities:	Water Soluble
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity [cP]	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: No data available.

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions: None under normal processing.

10.4 Conditions to avoid: Excessive heat.

10.5 Incompatible materials: Strong acids/bases. Oxidizing agents.

10.6 Hazardous decomposition products: Combustion or thermal decomposition can evolve toxic and irritant vapors. Carbon Oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Skin corrosion/irritation

Assessment: Causes mild skin irritation

Ingredients: Lactic Acid CAS# 79-33-4 [0.5 – 1.0%]

Fragrance CAS# Mixture [0.1 - 0.5%]

Product data: No available data on the product.

Substance data: No available data on the product.

Serious eye damage/irritation

Assessment: Causes serious eye damage

Ingredients: Chlorhexidine Gluconate CAS# 18472-51-0 [2%]

Lactic Acid CAS# 79-33-4 [0.5 – 1.0%]

Product data: No available data on the product.

Substance data: No available data on the product.

Respiratory or skin sensitization

Assessment: May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled

Ingredients: Ketoconazole CAS# 65277-42-1 [1%]

Fragrance Mixture [0.1 – 0.5%]

Product data: No available data on the product.

Substance data: No available data on the product.

Carcinogenicity

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Germ Cell mutagenicity

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Reproductive toxicity

Assessment: May damage fertility or the unborn child.

Ingredients: Ketoconazole CAS# 65277-42-1 [1%]

Product data: No available data on the product.

Substance data: No available data on the product.

Specific target organ toxicity (single exposure)

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Specific target organ toxicity (repeated exposure)

Assessment: May causes damage to organs through prolonged or repeated exposure.

Ingredients: Ketoconazole CAS# 65277-42-1 [1%]

Product data: No available data on the product.

Substance data: No available data on the product.

Aspiration toxicity

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Information on likely routes of exposure: N/A

Symptoms related to the physical, chemical, and toxicological characteristics: N/A

Other information: N/A

SECTION 12: ECOLOGICAL INFORMATION

Acute (short-term) toxicity

Assessment: Not classified on available information.

Product data: No available data on the product.

Substance data: No available data on the product

Chronic (long-term) toxicity

Assessment: Toxic to aquatic life with long lasting effects.

Ingredients: Chlorhexidine Gluconate CAS# 18472-51-0 [2%],
Ketoconazole CAS# 65277-42-1 [1%]

Product data: No available data on the product.

Substance data: No available data on the product

Persistence and degradability: Not classified based on available information.

Bioaccumulative potential: No available data on the product.

Mobility in soil: No available data on the product.

Results of PBT and vPvB assessment: No available data on the product.

Other adverse effects: N/A

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of in accordance with local regulations.

Contaminated packages: Dispose of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION

United States transportation of dangerous goods (49 CFR DOT)

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquids, n.o.s. (Chlorhexidine Gluconate, Ketoconazole), MARINE POLLUTANT

Transport Hazard Class: 9

Packing Group: III

Labels Required: 9

Environmental Hazards:

Marine Pollutant: Yes

Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling

Special Provisions: 274, 331, 335, 375

Limited Quantity Exception: Yes, for inner containers ≤ 5 L

This product is classified as a dangerous good when transported in quantities greater than 5 L; however, when packaged in inner containers of 5 L or less and in accordance with applicable regulations, it qualifies for the Limited Quantity exemption under **49 CFR 173.150 (DOT)** for ground transport.

International Maritime Dangerous Goods (IMDG)

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquids, n.o.s. (Chlorhexidine Gluconate, Ketoconazole), MARINE POLLUTANT

Class: 9

Packing Group: III

Environmental Hazards:

Marine Pollutant: Yes

Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling

Special Provisions: 274, 909, 944

Limited Quantity Exception: Yes, for inner containers ≤ 5 L

This product is classified as a dangerous good when transported in quantities greater than 5 L; however, when packaged in inner containers of 5 L or less and in accordance with applicable regulations, it qualifies for the Limited Quantity exemption under **49 CFR 172.519 (IMDG)** for sea transport.

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquids, n.o.s. (Chlorhexidine Gluconate, Ketoconazole), MARINE POLLUTANT

Class: 9

Packing Group: III

Special Provisions: A97, A158, A197, A215

Excepted Quantity Code: E1 (for inner containers ≤ 30 mL and outer packages ≤ 1 L)

In accordance with ICAO Technical Instructions (Doc 9284), Part 3, Chapter 5, this product (Class 3, UN Packing Group III, E1) may be transported as Dangerous Goods in Excepted Quantities when packaged in compliance with the provisions applicable to Excepted Quantity Code E1, with no more than 30 mL per inner packaging and 1 L per outer packaging. In this case, only the provisions specifically applicable to Excepted Quantities apply.

SECTION 15: REGULATORY INFORMATION

United States Regulations

Inventory listing (TSCA): All the ingredients are listed or exempt.

SARA section 302 extremely hazardous substances: None of the ingredients are listed.

SARA section 313 toxic chemicals: None of the ingredients are listed.

Massachusetts Right to Know: None of the ingredients are listed

New Jersey Right to Know: None of the ingredients are listed.

New York Right to Know: None of the ingredients are listed.

Pennsylvania Right to Know: None of the ingredients are listed.

California Proposition 65: This product does not contain proposition 65 listed chemicals that would mandate consumer notification labeling.

SECTION 16: OTHER INFORMATION

Abbreviation and Acronyms:

NFPA: Not classified

HMIS: Not classified

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SDS for SPKSP-MS Chlorhexidine &
Ketoconazole Spray, Mousse or Wipes for
Pets

Document Number: PSD-0003615
Document Version: 1.0
Effective Date: 07-Apr-2026

This is a representation of an electronic record that was signed electronically and this page is the manifestation of the electronic signatures.

Signatory Table

Action Name	User Name	Title	Signature Date
Send for Review (Written By)	Maitane Blas Karp	Formulation Scientist	31-Mar-2026 06:37
Review	Darwin Thanaraj Rajamanickam	Director of Research and Development	31-Mar-2026 07:12
Review	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:19
Send for Approval	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:19
Approve	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:19
QA Approval - Skip Training	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:20

* Dates are displayed according to the system time zone: (GMT-07:00) Pacific Daylight Time (America/Los_Angeles)

SAFETY DATA SHEET

Ref: OSHA Hazard Communication Standard, 29 CFR 1910.1200 and GHS (Globally Harmonized System) guidelines

SECTION 1: PRODUCT IDENTIFICATION AND IDENTIFICATION OF THE COMPANY / UNDERTAKING

Product Identifier

Product name: Chlorhexidine & Ketoconazole Spray, Mousse or Wipes for Pets,
(formula SPKSP)

Recommended Use of the Product and restriction on use

Relevant identified uses: Soothing and relieving topical spray, mousse or wipes for pets.

Uses advised against: For Use Only in Animals

Reasons why uses are advised against: N/A

Manufacturer or supplier details

Distributor:

United States

Tropichem Research Labs, LLC dba Vetio
15843 Guild Ct
Jupiter, FL 33478
1-561-804-7603

Emergency telephone number:

United States

CHEMTREC

1-800-424-9300 (24 hours)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classifications of the substance or mixture:

Classification according to GHS 29CFR 1910.1200

GHS classification:

Skin corrosion/irritation	: Category 3
Sensitization, Skin	: Category 1
Serious eye damage/eye irritation	: Category 1
Sensitization, respiratory	: Category 1
Reproductive toxicity	: Category 1
Specific target organ toxicity, repeated exposure	: Category 2
Hazardous to the aquatic environment, long-term hazard	: Category 2

2.2 Label Elements

Hazard pictograms:



Signal Word: Danger

Hazard statement:

H316: Causes mild skin irritation

H317: May cause an allergic skin reaction

H318: Causes serious eye damage

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

H360: May damage fertility or the unborn

H373: May cause damage to organs through prolonged or repeated exposure

H411: Toxic to aquatic life with long lasting effects

Precautionary statements:

Prevention

P101: If medical advice is needed: Have product container or label at hand

P102: Keep out of reach of children.

P103: Read label before use.

P203: Obtain, read, and follow all safety instructions before use.

P233: Keep container tightly closed.

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P264+P265: Wash hands thoroughly after handling. Do not touch eyes.

P271: Use only outdoors or in a well-ventilated area.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves, protective clothing, eye protection and face protection.

P284: In case of inadequate ventilation, wear respiratory protection.

Response:

P302+P352: IF ON SKIN: wash with plenty of water.

P304+P340: IF INHALED remove person to fresh air and keep comfortable for breathing.

P305+P354+P338: IF IN EYES Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P333+P317: If skin irritation or rash occurs: Get medical help.

P318: if exposed or concerned, get medical advice.

P319: Get medical help if you feel unwell.

P342+P316: If experiencing respiratory symptoms Get emergency medical help immediately.

P362+P364: Take off contaminated clothing and wash it before reuse.

Document State: Effective (Controlled)

CONFIDENTIAL

P391: Collect spillage.

Storage:

P403: Store in a well-ventilated place.

P405: Store locked up.

Disposal:

P501: Dispose of contents in accordance with local/regional/national/international regulations.

2.3 Hazards not otherwise classified:

N/A

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Description of the mixture: Water based (Mixture)

Chemical name	CAS#	Weight %	Classification GHS (Rev 5)
Chlorhexidine Gluconate	18472-51-0	2	H318, H410
Ketoconazole	65277-42-1	1	H301, H333, H317, H410, H360, H373, H334
Lactic Acid	79-33-4	0.5 - 1.0	H314, H318
Fragrance	Mixture	0.1 - 0.5	H315, H317

Additional information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

General notes:

In the case of an accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt, seek medical advice.

Show this safety data sheet to the doctor in attendance.

Do not leave the victim unattended.

Relevant routes of exposure:

Inhalation:

If inhaled, remove from contaminated area. If unconscious, place in recovery position and seek medical attention. Apply artificial respiration if not breathing.

Skin contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash with water and soap as a precaution. Get medical attention if symptoms occur.

Eye contact:

If contact with eyes occurs, immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.

Ingestion:

If swallowed, contact your regional poison center or physician immediately. Rinse mouth thoroughly with water and afterwards drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Acute symptoms and effects: N/A

Delayed symptoms and effects: N/A

4.3 Indication of any immediate medical attention and special treatment

Treat symptomatically and supportively.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None known.

5.2 Special Hazards arising from the substance or mixture: This product is not classified as flammable. May evolve carbon oxides and hydrocarbons when heated to decomposition. Containers may rupture if exposed to extreme heat.

5.3. Advice for Fire-Fighters: Treat as per requirements for surrounding fires. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Cool intact containers and nearby storage areas.

5.4 Further Information: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures:

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

6.2 Environmental precautions:

Avoid release into the environment. Prevent product from entering drains and waterways.

6.3 Methods and material for containment and cleaning up:

Contain spills to prevent spreading. Wipe up with absorbent material. Collect and dispose of in accordance with local regulations.

Reference to other sections:

See sections 13 and 15 of this SDS for exposure controls and disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Before using carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

7.2 Conditions for safe storage, including any incompatibilities:

Store at room temperature, protect from freezing.

7.3 Specific End Use(s):

This product is intended for consumer use as specified in Section 1.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values: Not determined

Biological limit values: Not determined.

8.2 Exposure controls

Information on monitoring procedures: Not determined.

Appropriate engineering controls: Use adequate general and/or local exhaust ventilation to minimize worker exposure. Engineering controls should be used to reduce exposure to the lowest feasible level.

Personal protection equipment

Eye and face protection: Wear chemical splash goggles during bulk handling or decanting. Use a face shield where splashing or spraying is likely.

Skin and body protection: Wear protective gloves to avoid skin contact, especially during prolonged or repeated exposure. Remove contaminated clothing and wash skin thoroughly after handling.

Respiratory protection: If ventilation is inadequate or airborne exposure limits may be exceeded, use an appropriate approved respirator.

General hygienic measures: Avoid contact with skin, eyes, and clothing. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Remove contaminated clothing and wash before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Clear, pale yellow to dark red-colored liquid [color deepens over time]
Odor:	Characteristic cucumber-melon fragrance
Odor threshold:	No data available
pH:	3.4 – 4.2
Melting point/Freezing point:	No data available
Initial boiling point/range:	> 99°C
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper flammability/explosive limit:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	No data available
Solubilities:	Water Soluble
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity [cP]	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: No data available.

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions: None under normal processing.

10.4 Conditions to avoid: Excessive heat.

10.5 Incompatible materials: Strong acids/bases. Oxidizing agents.

10.6 Hazardous decomposition products: Combustion or thermal decomposition can evolve toxic and irritant vapors. Carbon Oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Skin corrosion/irritation

Assessment: Causes mild skin irritation

Ingredients: Lactic Acid CAS# 79-33-4 [0.5 – 1.0%]

Fragrance CAS# Mixture [0.1 - 0.5%]

Product data: No available data on the product.

Substance data: No available data on the product.

Serious eye damage/irritation

Assessment: Causes serious eye damage

Ingredients: Chlorhexidine Gluconate CAS# 18472-51-0 [2%]

Lactic Acid CAS# 79-33-4 [0.5 – 1.0%]

Product data: No available data on the product.

Substance data: No available data on the product.

Respiratory or skin sensitization

Assessment: May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled

Ingredients: Ketoconazole CAS# 65277-42-1 [1%]

Fragrance Mixture [0.1 – 0.5%]

Product data: No available data on the product.

Substance data: No available data on the product.

Carcinogenicity

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Germ Cell mutagenicity

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Reproductive toxicity

Assessment: May damage fertility or the unborn child.

Ingredients: Ketoconazole CAS# 65277-42-1 [1%]

Product data: No available data on the product.

Substance data: No available data on the product.

Specific target organ toxicity (single exposure)

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Specific target organ toxicity (repeated exposure)

Assessment: May causes damage to organs through prolonged or repeated exposure.

Ingredients: Ketoconazole CAS# 65277-42-1 [1%]

Product data: No available data on the product.

Substance data: No available data on the product.

Aspiration toxicity

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Information on likely routes of exposure: N/A

Symptoms related to the physical, chemical, and toxicological characteristics: N/A

Other information: N/A

SECTION 12: ECOLOGICAL INFORMATION

Acute (short-term) toxicity

Assessment: Not classified on available information.

Product data: No available data on the product.

Substance data: No available data on the product

Chronic (long-term) toxicity

Assessment: Toxic to aquatic life with long lasting effects.

Ingredients: Chlorhexidine Gluconate CAS# 18472-51-0 [2%],
Ketoconazole CAS# 65277-42-1 [1%]

Product data: No available data on the product.

Substance data: No available data on the product

Persistence and degradability: Not classified based on available information.

Bioaccumulative potential: No available data on the product.

Mobility in soil: No available data on the product.

Results of PBT and vPvB assessment: No available data on the product.

Other adverse effects: N/A

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of in accordance with local regulations.

Contaminated packages: Dispose of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION

United States transportation of dangerous goods (49 CFR DOT)

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquids, n.o.s. (Chlorhexidine Gluconate, Ketoconazole), MARINE POLLUTANT

Transport Hazard Class: 9

Packing Group: III

Labels Required: 9

Environmental Hazards:

Marine Pollutant: Yes

Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling

Special Provisions: 274, 331, 335, 375

Limited Quantity Exception: Yes, for inner containers ≤ 5 L

This product is classified as a dangerous good when transported in quantities greater than 5 L; however, when packaged in inner containers of 5 L or less and in accordance with applicable regulations, it qualifies for the Limited Quantity exemption under **49 CFR 173.150 (DOT)** for ground transport.

International Maritime Dangerous Goods (IMDG)

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquids, n.o.s. (Chlorhexidine Gluconate, Ketoconazole), MARINE POLLUTANT

Class: 9

Packing Group: III

Environmental Hazards:

Marine Pollutant: Yes

Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling

Special Provisions: 274, 909, 944

Limited Quantity Exception: Yes, for inner containers ≤ 5 L

This product is classified as a dangerous good when transported in quantities greater than 5 L; however, when packaged in inner containers of 5 L or less and in accordance with applicable regulations, it qualifies for the Limited Quantity exemption under **49 CFR 172.519 (IMDG)** for sea transport.

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquids, n.o.s. (Chlorhexidine Gluconate, Ketoconazole), MARINE POLLUTANT

Class: 9

Packing Group: III

Special Provisions: A97, A158, A197, A215

Excepted Quantity Code: E1 (for inner containers ≤ 30 mL and outer packages ≤ 1 L)

In accordance with ICAO Technical Instructions (Doc 9284), Part 3, Chapter 5, this product (Class 3, UN Packing Group III, E1) may be transported as Dangerous Goods in Excepted Quantities when packaged in compliance with the provisions applicable to Excepted Quantity Code E1, with no more than 30 mL per inner packaging and 1 L per outer packaging. In this case, only the provisions specifically applicable to Excepted Quantities apply.

SECTION 15: REGULATORY INFORMATION

United States Regulations

Inventory listing (TSCA): All the ingredients are listed or exempt.

SARA section 302 extremely hazardous substances: None of the ingredients are listed.

SARA section 313 toxic chemicals: None of the ingredients are listed.

Massachusetts Right to Know: None of the ingredients are listed

New Jersey Right to Know: None of the ingredients are listed.

New York Right to Know: None of the ingredients are listed.

Pennsylvania Right to Know: None of the ingredients are listed.

California Proposition 65: This product does not contain proposition 65 listed chemicals that would mandate consumer notification labeling.

SECTION 16: OTHER INFORMATION

Abbreviation and Acronyms:

NFPA: Not classified

HMIS: Not classified

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SDS for SPKSP-MS Chlorhexidine &
Ketoconazole Spray, Mousse or Wipes for
Pets

Document Number: PSD-0003615
Document Version: 1.0
Effective Date: 07-Apr-2026

This is a representation of an electronic record that was signed electronically and this page is the manifestation of the electronic signatures.

Signatory Table

Action Name	User Name	Title	Signature Date
Send for Review (Written By)	Maitane Blas Karp	Formulation Scientist	31-Mar-2026 06:37
Review	Darwin Thanaraj Rajamanickam	Director of Research and Development	31-Mar-2026 07:12
Review	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:19
Send for Approval	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:19
Approve	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:19
QA Approval - Skip Training	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:20

* Dates are displayed according to the system time zone: (GMT-07:00) Pacific Daylight Time (America/Los_Angeles)

SAFETY DATA SHEET

Ref: OSHA Hazard Communication Standard, 29 CFR 1910.1200 and GHS (Globally Harmonized System) guidelines

SECTION 1: PRODUCT IDENTIFICATION AND IDENTIFICATION OF THE COMPANY / UNDERTAKING

Product Identifier

Product name: Chlorhexidine & Ketoconazole Spray, Mousse or Wipes for Pets,
(formula SPKSP)

Recommended Use of the Product and restriction on use

Relevant identified uses: Soothing and relieving topical spray, mousse or wipes for pets.

Uses advised against: For Use Only in Animals

Reasons why uses are advised against: N/A

Manufacturer or supplier details

Distributor:

United States

Tropichem Research Labs, LLC dba Vetio
15843 Guild Ct
Jupiter, FL 33478
1-561-804-7603

Emergency telephone number:

United States

CHEMTREC

1-800-424-9300 (24 hours)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classifications of the substance or mixture:

Classification according to GHS 29CFR 1910.1200

GHS classification:

Skin corrosion/irritation	: Category 3
Sensitization, Skin	: Category 1
Serious eye damage/eye irritation	: Category 1
Sensitization, respiratory	: Category 1
Reproductive toxicity	: Category 1
Specific target organ toxicity, repeated exposure	: Category 2
Hazardous to the aquatic environment, long-term hazard	: Category 2

2.2 Label Elements

Hazard pictograms:



Signal Word: Danger

Hazard statement:

H316: Causes mild skin irritation

H317: May cause an allergic skin reaction

H318: Causes serious eye damage

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

H360: May damage fertility or the unborn

H373: May cause damage to organs through prolonged or repeated exposure

H411: Toxic to aquatic life with long lasting effects

Precautionary statements:

Prevention

P101: If medical advice is needed: Have product container or label at hand

P102: Keep out of reach of children.

P103: Read label before use.

P203: Obtain, read, and follow all safety instructions before use.

P233: Keep container tightly closed.

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P264+P265: Wash hands thoroughly after handling. Do not touch eyes.

P271: Use only outdoors or in a well-ventilated area.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves, protective clothing, eye protection and face protection.

P284: In case of inadequate ventilation, wear respiratory protection.

Response:

P302+P352: IF ON SKIN: wash with plenty of water.

P304+P340: IF INHALED remove person to fresh air and keep comfortable for breathing.

P305+P354+P338: IF IN EYES Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P333+P317: If skin irritation or rash occurs: Get medical help.

P318: if exposed or concerned, get medical advice.

P319: Get medical help if you feel unwell.

P342+P316: If experiencing respiratory symptoms Get emergence medical help immediately.

P362+P364: Take off contaminated clothing and wash it before reuse.

Document State: Effective (Controlled)

CONFIDENTIAL

P391: Collect spillage.

Storage:

P403: Store in a well-ventilated place.

P405: Store locked up.

Disposal:

P501: Dispose of contents in accordance with local/regional/national/international regulations.

2.3 Hazards not otherwise classified:

N/A

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Description of the mixture: Water based (Mixture)

Chemical name	CAS#	Weight %	Classification GHS (Rev 5)
Chlorhexidine Gluconate	18472-51-0	2	H318, H410
Ketoconazole	65277-42-1	1	H301, H333, H317, H410, H360, H373, H334
Lactic Acid	79-33-4	0.5 - 1.0	H314, H318
Fragrance	Mixture	0.1 - 0.5	H315, H317

Additional information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

General notes:

In the case of an accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt, seek medical advice.

Show this safety data sheet to the doctor in attendance.

Do not leave the victim unattended.

Relevant routes of exposure:

Inhalation:

If inhaled, remove from contaminated area. If unconscious, place in recovery position and seek medical attention. Apply artificial respiration if not breathing.

Skin contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash with water and soap as a precaution. Get medical attention if symptoms occur.

Eye contact:

If contact with eyes occurs, immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.

Ingestion:

If swallowed, contact your regional poison center or physician immediately. Rinse mouth thoroughly with water and afterwards drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Acute symptoms and effects: N/A

Delayed symptoms and effects: N/A

4.3 Indication of any immediate medical attention and special treatment

Treat symptomatically and supportively.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None known.

5.2 Special Hazards arising from the substance or mixture: This product is not classified as flammable. May evolve carbon oxides and hydrocarbons when heated to decomposition. Containers may rupture if exposed to extreme heat.

5.3. Advice for Fire-Fighters: Treat as per requirements for surrounding fires. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Cool intact containers and nearby storage areas.

5.4 Further Information: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures:

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

6.2 Environmental precautions:

Avoid release into the environment. Prevent product from entering drains and waterways.

6.3 Methods and material for containment and cleaning up:

Contain spills to prevent spreading. Wipe up with absorbent material. Collect and dispose of in accordance with local regulations.

Reference to other sections:

See sections 13 and 15 of this SDS for exposure controls and disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Before using carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

7.2 Conditions for safe storage, including any incompatibilities:

Store at room temperature, protect from freezing.

7.3 Specific End Use(s):

This product is intended for consumer use as specified in Section 1.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values: Not determined

Biological limit values: Not determined.

8.2 Exposure controls

Information on monitoring procedures: Not determined.

Appropriate engineering controls: Use adequate general and/or local exhaust ventilation to minimize worker exposure. Engineering controls should be used to reduce exposure to the lowest feasible level.

Personal protection equipment

Eye and face protection: Wear chemical splash goggles during bulk handling or decanting. Use a face shield where splashing or spraying is likely.

Skin and body protection: Wear protective gloves to avoid skin contact, especially during prolonged or repeated exposure. Remove contaminated clothing and wash skin thoroughly after handling.

Respiratory protection: If ventilation is inadequate or airborne exposure limits may be exceeded, use an appropriate approved respirator.

General hygienic measures: Avoid contact with skin, eyes, and clothing. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Remove contaminated clothing and wash before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Clear, pale yellow to dark red-colored liquid [color deepens over time]
Odor:	Characteristic cucumber-melon fragrance
Odor threshold:	No data available
pH:	3.4 – 4.2
Melting point/Freezing point:	No data available
Initial boiling point/range:	> 99°C
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper flammability/explosive limit:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	No data available
Solubilities:	Water Soluble
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity [cP]	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: No data available.

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions: None under normal processing.

10.4 Conditions to avoid: Excessive heat.

10.5 Incompatible materials: Strong acids/bases. Oxidizing agents.

10.6 Hazardous decomposition products: Combustion or thermal decomposition can evolve toxic and irritant vapors. Carbon Oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Skin corrosion/irritation

Assessment: Causes mild skin irritation

Ingredients: Lactic Acid CAS# 79-33-4 [0.5 – 1.0%]

Fragrance CAS# Mixture [0.1 - 0.5%]

Product data: No available data on the product.

Substance data: No available data on the product.

Serious eye damage/irritation

Assessment: Causes serious eye damage

Ingredients: Chlorhexidine Gluconate CAS# 18472-51-0 [2%]

Lactic Acid CAS# 79-33-4 [0.5 – 1.0%]

Product data: No available data on the product.

Substance data: No available data on the product.

Respiratory or skin sensitization

Assessment: May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled

Ingredients: Ketoconazole CAS# 65277-42-1 [1%]

Fragrance Mixture [0.1 – 0.5%]

Product data: No available data on the product.

Substance data: No available data on the product.

Carcinogenicity

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Germ Cell mutagenicity

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Reproductive toxicity

Assessment: May damage fertility or the unborn child.

Ingredients: Ketoconazole CAS# 65277-42-1 [1%]

Product data: No available data on the product.

Substance data: No available data on the product.

Specific target organ toxicity (single exposure)

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Specific target organ toxicity (repeated exposure)

Assessment: May causes damage to organs through prolonged or repeated exposure.

Ingredients: Ketoconazole CAS# 65277-42-1 [1%]

Product data: No available data on the product.

Substance data: No available data on the product.

Aspiration toxicity

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Information on likely routes of exposure: N/A

Symptoms related to the physical, chemical, and toxicological characteristics: N/A

Other information: N/A

SECTION 12: ECOLOGICAL INFORMATION

Acute (short-term) toxicity

Assessment: Not classified on available information.

Product data: No available data on the product.

Substance data: No available data on the product

Chronic (long-term) toxicity

Assessment: Toxic to aquatic life with long lasting effects.

Ingredients: Chlorhexidine Gluconate CAS# 18472-51-0 [2%],
Ketoconazole CAS# 65277-42-1 [1%]

Product data: No available data on the product.

Substance data: No available data on the product

Persistence and degradability: Not classified based on available information.

Bioaccumulative potential: No available data on the product.

Mobility in soil: No available data on the product.

Results of PBT and vPvB assessment: No available data on the product.

Other adverse effects: N/A

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of in accordance with local regulations.

Contaminated packages: Dispose of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION

United States transportation of dangerous goods (49 CFR DOT)

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquids, n.o.s. (Chlorhexidine Gluconate, Ketoconazole), MARINE POLLUTANT

Transport Hazard Class: 9

Packing Group: III

Labels Required: 9

Environmental Hazards:

Marine Pollutant: Yes

Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling

Special Provisions: 274, 331, 335, 375

Limited Quantity Exception: Yes, for inner containers ≤ 5 L

This product is classified as a dangerous good when transported in quantities greater than 5 L; however, when packaged in inner containers of 5 L or less and in accordance with applicable regulations, it qualifies for the Limited Quantity exemption under **49 CFR 173.150 (DOT)** for ground transport.

International Maritime Dangerous Goods (IMDG)

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquids, n.o.s. (Chlorhexidine Gluconate, Ketoconazole), MARINE POLLUTANT

Class: 9

Packing Group: III

Environmental Hazards:

Marine Pollutant: Yes

Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling

Special Provisions: 274, 909, 944

Limited Quantity Exception: Yes, for inner containers ≤ 5 L

This product is classified as a dangerous good when transported in quantities greater than 5 L; however, when packaged in inner containers of 5 L or less and in accordance with applicable regulations, it qualifies for the Limited Quantity exemption under **49 CFR 172.519 (IMDG)** for sea transport.

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquids, n.o.s. (Chlorhexidine Gluconate, Ketoconazole), MARINE POLLUTANT

Class: 9

Packing Group: III

Special Provisions: A97, A158, A197, A215

Excepted Quantity Code: E1 (for inner containers ≤ 30 mL and outer packages ≤ 1 L)

In accordance with ICAO Technical Instructions (Doc 9284), Part 3, Chapter 5, this product (Class 3, UN Packing Group III, E1) may be transported as Dangerous Goods in Excepted Quantities when packaged in compliance with the provisions applicable to Excepted Quantity Code E1, with no more than 30 mL per inner packaging and 1 L per outer packaging. In this case, only the provisions specifically applicable to Excepted Quantities apply.

SECTION 15: REGULATORY INFORMATION

United States Regulations

Inventory listing (TSCA): All the ingredients are listed or exempt.

SARA section 302 extremely hazardous substances: None of the ingredients are listed.

SARA section 313 toxic chemicals: None of the ingredients are listed.

Massachusetts Right to Know: None of the ingredients are listed

New Jersey Right to Know: None of the ingredients are listed.

New York Right to Know: None of the ingredients are listed.

Pennsylvania Right to Know: None of the ingredients are listed.

California Proposition 65: This product does not contain proposition 65 listed chemicals that would mandate consumer notification labeling.

SECTION 16: OTHER INFORMATION

Abbreviation and Acronyms:

NFPA: Not classified

HMIS: Not classified

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SDS for SPKSP-MS Chlorhexidine &
Ketoconazole Spray, Mousse or Wipes for
Pets

Document Number: PSD-0003615
Document Version: 1.0
Effective Date: 07-Apr-2026

This is a representation of an electronic record that was signed electronically and this page is the manifestation of the electronic signatures.

Signatory Table

Action Name	User Name	Title	Signature Date
Send for Review (Written By)	Maitane Blas Karp	Formulation Scientist	31-Mar-2026 06:37
Review	Darwin Thanaraj Rajamanickam	Director of Research and Development	31-Mar-2026 07:12
Review	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:19
Send for Approval	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:19
Approve	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:19
QA Approval - Skip Training	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:20

* Dates are displayed according to the system time zone: (GMT-07:00) Pacific Daylight Time (America/Los_Angeles)

SAFETY DATA SHEET

Ref: OSHA Hazard Communication Standard, 29 CFR 1910.1200 and GHS (Globally Harmonized System) guidelines

SECTION 1: PRODUCT IDENTIFICATION AND IDENTIFICATION OF THE COMPANY / UNDERTAKING

Product Identifier

Product name: Chlorhexidine & Ketoconazole Spray, Mousse or Wipes for Pets,
(formula SPKSP)

Recommended Use of the Product and restriction on use

Relevant identified uses: Soothing and relieving topical spray, mousse or wipes for pets.

Uses advised against: For Use Only in Animals

Reasons why uses are advised against: N/A

Manufacturer or supplier details

Distributor:

United States

Tropichem Research Labs, LLC dba Vetio
15843 Guild Ct
Jupiter, FL 33478
1-561-804-7603

Emergency telephone number:

United States

CHEMTREC

1-800-424-9300 (24 hours)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classifications of the substance or mixture:

Classification according to GHS 29CFR 1910.1200

GHS classification:

Skin corrosion/irritation	: Category 3
Sensitization, Skin	: Category 1
Serious eye damage/eye irritation	: Category 1
Sensitization, respiratory	: Category 1
Reproductive toxicity	: Category 1
Specific target organ toxicity, repeated exposure	: Category 2
Hazardous to the aquatic environment, long-term hazard	: Category 2

2.2 Label Elements

Hazard pictograms:



Signal Word: Danger

Hazard statement:

H316: Causes mild skin irritation

H317: May cause an allergic skin reaction

H318: Causes serious eye damage

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

H360: May damage fertility or the unborn

H373: May cause damage to organs through prolonged or repeated exposure

H411: Toxic to aquatic life with long lasting effects

Precautionary statements:

Prevention

P101: If medical advice is needed: Have product container or label at hand

P102: Keep out of reach of children.

P103: Read label before use.

P203: Obtain, read, and follow all safety instructions before use.

P233: Keep container tightly closed.

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P264+P265: Wash hands thoroughly after handling. Do not touch eyes.

P271: Use only outdoors or in a well-ventilated area.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves, protective clothing, eye protection and face protection.

P284: In case of inadequate ventilation, wear respiratory protection.

Response:

P302+P352: IF ON SKIN: wash with plenty of water.

P304+P340: IF INHALED remove person to fresh air and keep comfortable for breathing.

P305+P354+P338: IF IN EYES Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P333+P317: If skin irritation or rash occurs: Get medical help.

P318: if exposed or concerned, get medical advice.

P319: Get medical help if you feel unwell.

P342+P316: If experiencing respiratory symptoms Get emergency medical help immediately.

P362+P364: Take off contaminated clothing and wash it before reuse.

Document State: Effective (Controlled)

CONFIDENTIAL

P391: Collect spillage.

Storage:

P403: Store in a well-ventilated place.

P405: Store locked up.

Disposal:

P501: Dispose of contents in accordance with local/regional/national/international regulations.

2.3 Hazards not otherwise classified:

N/A

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Description of the mixture: Water based (Mixture)

Chemical name	CAS#	Weight %	Classification GHS (Rev 5)
Chlorhexidine Gluconate	18472-51-0	2	H318, H410
Ketoconazole	65277-42-1	1	H301, H333, H317, H410, H360, H373, H334
Lactic Acid	79-33-4	0.5 - 1.0	H314, H318
Fragrance	Mixture	0.1 - 0.5	H315, H317

Additional information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

General notes:

In the case of an accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt, seek medical advice.

Show this safety data sheet to the doctor in attendance.

Do not leave the victim unattended.

Relevant routes of exposure:

Inhalation:

If inhaled, remove from contaminated area. If unconscious, place in recovery position and seek medical attention. Apply artificial respiration if not breathing.

Skin contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash with water and soap as a precaution. Get medical attention if symptoms occur.

Eye contact:

If contact with eyes occurs, immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.

Ingestion:

If swallowed, contact your regional poison center or physician immediately. Rinse mouth thoroughly with water and afterwards drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Acute symptoms and effects: N/A

Delayed symptoms and effects: N/A

4.3 Indication of any immediate medical attention and special treatment

Treat symptomatically and supportively.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None known.

5.2 Special Hazards arising from the substance or mixture: This product is not classified as flammable. May evolve carbon oxides and hydrocarbons when heated to decomposition. Containers may rupture if exposed to extreme heat.

5.3. Advice for Fire-Fighters: Treat as per requirements for surrounding fires. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Cool intact containers and nearby storage areas.

5.4 Further Information: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures:

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

6.2 Environmental precautions:

Avoid release into the environment. Prevent product from entering drains and waterways.

6.3 Methods and material for containment and cleaning up:

Contain spills to prevent spreading. Wipe up with absorbent material. Collect and dispose of in accordance with local regulations.

Reference to other sections:

See sections 13 and 15 of this SDS for exposure controls and disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Before using carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

7.2 Conditions for safe storage, including any incompatibilities:

Store at room temperature, protect from freezing.

7.3 Specific End Use(s):

This product is intended for consumer use as specified in Section 1.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values: Not determined

Biological limit values: Not determined.

8.2 Exposure controls

Information on monitoring procedures: Not determined.

Appropriate engineering controls: Use adequate general and/or local exhaust ventilation to minimize worker exposure. Engineering controls should be used to reduce exposure to the lowest feasible level.

Personal protection equipment

Eye and face protection: Wear chemical splash goggles during bulk handling or decanting. Use a face shield where splashing or spraying is likely.

Skin and body protection: Wear protective gloves to avoid skin contact, especially during prolonged or repeated exposure. Remove contaminated clothing and wash skin thoroughly after handling.

Respiratory protection: If ventilation is inadequate or airborne exposure limits may be exceeded, use an appropriate approved respirator.

General hygienic measures: Avoid contact with skin, eyes, and clothing. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Remove contaminated clothing and wash before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Clear, pale yellow to dark red-colored liquid [color deepens over time]
Odor:	Characteristic cucumber-melon fragrance
Odor threshold:	No data available
pH:	3.4 – 4.2
Melting point/Freezing point:	No data available
Initial boiling point/range:	> 99°C
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper flammability/explosive limit:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	No data available
Solubilities:	Water Soluble
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity [cP]	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: No data available.

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions: None under normal processing.

10.4 Conditions to avoid: Excessive heat.

10.5 Incompatible materials: Strong acids/bases. Oxidizing agents.

10.6 Hazardous decomposition products: Combustion or thermal decomposition can evolve toxic and irritant vapors. Carbon Oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Skin corrosion/irritation**Assessment:** Causes mild skin irritation

Ingredients: Lactic Acid CAS# 79-33-4 [0.5 – 1.0%]

Fragrance CAS# Mixture [0.1 - 0.5%]

Product data: No available data on the product.**Substance data:** No available data on the product.**Serious eye damage/irritation****Assessment:** Causes serious eye damage

Ingredients: Chlorhexidine Gluconate CAS# 18472-51-0 [2%]

Lactic Acid CAS# 79-33-4 [0.5 – 1.0%]

Product data: No available data on the product.**Substance data:** No available data on the product.**Respiratory or skin sensitization****Assessment:** May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled

Ingredients: Ketoconazole CAS# 65277-42-1 [1%]

Fragrance Mixture [0.1 – 0.5%]

Product data: No available data on the product.**Substance data:** No available data on the product.**Carcinogenicity****Assessment:** Not classified based on available information.**Product data:** No available data on the product.**Substance data:** No available data on the product.**Germ Cell mutagenicity****Assessment:** Not classified based on available information.**Product data:** No available data on the product.**Substance data:** No available data on the product.**Reproductive toxicity****Assessment:** May damage fertility or the unborn child.

Ingredients: Ketoconazole CAS# 65277-42-1 [1%]

Product data: No available data on the product.**Substance data:** No available data on the product.**Specific target organ toxicity (single exposure)****Assessment:** Not classified based on available information.**Product data:** No available data on the product.**Substance data:** No available data on the product.**Specific target organ toxicity (repeated exposure)****Assessment:** May causes damage to organs through prolonged or repeated exposure.

Ingredients: Ketoconazole CAS# 65277-42-1 [1%]

Product data: No available data on the product.**Substance data:** No available data on the product.**Aspiration toxicity****Assessment:** Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Information on likely routes of exposure: N/A

Symptoms related to the physical, chemical, and toxicological characteristics: N/A

Other information: N/A

SECTION 12: ECOLOGICAL INFORMATION

Acute (short-term) toxicity

Assessment: Not classified on available information.

Product data: No available data on the product.

Substance data: No available data on the product

Chronic (long-term) toxicity

Assessment: Toxic to aquatic life with long lasting effects.

Ingredients: Chlorhexidine Gluconate CAS# 18472-51-0 [2%],
Ketoconazole CAS# 65277-42-1 [1%]

Product data: No available data on the product.

Substance data: No available data on the product

Persistence and degradability: Not classified based on available information.

Bioaccumulative potential: No available data on the product.

Mobility in soil: No available data on the product.

Results of PBT and vPvB assessment: No available data on the product.

Other adverse effects: N/A

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of in accordance with local regulations.

Contaminated packages: Dispose of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION

United States transportation of dangerous goods (49 CFR DOT)

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquids, n.o.s. (Chlorhexidine Gluconate, Ketoconazole), MARINE POLLUTANT

Transport Hazard Class: 9

Packing Group: III

Labels Required: 9

Environmental Hazards:

Marine Pollutant: Yes

Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling

Special Provisions: 274, 331, 335, 375

Limited Quantity Exception: Yes, for inner containers ≤ 5 L

This product is classified as a dangerous good when transported in quantities greater than 5 L; however, when packaged in inner containers of 5 L or less and in accordance with applicable regulations, it qualifies for the Limited Quantity exemption under **49 CFR 173.150 (DOT)** for ground transport.

International Maritime Dangerous Goods (IMDG)

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquids, n.o.s. (Chlorhexidine Gluconate, Ketoconazole), MARINE POLLUTANT

Class: 9

Packing Group: III

Environmental Hazards:

Marine Pollutant: Yes

Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling

Special Provisions: 274, 909, 944

Limited Quantity Exception: Yes, for inner containers ≤ 5 L

This product is classified as a dangerous good when transported in quantities greater than 5 L; however, when packaged in inner containers of 5 L or less and in accordance with applicable regulations, it qualifies for the Limited Quantity exemption under **49 CFR 172.519 (IMDG)** for sea transport.

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquids, n.o.s. (Chlorhexidine Gluconate, Ketoconazole), MARINE POLLUTANT

Class: 9

Packing Group: III

Special Provisions: A97, A158, A197, A215

Excepted Quantity Code: E1 (for inner containers ≤ 30 mL and outer packages ≤ 1 L)

In accordance with ICAO Technical Instructions (Doc 9284), Part 3, Chapter 5, this product (Class 3, UN Packing Group III, E1) may be transported as Dangerous Goods in Excepted Quantities when packaged in compliance with the provisions applicable to Excepted Quantity Code E1, with no more than 30 mL per inner packaging and 1 L per outer packaging. In this case, only the provisions specifically applicable to Excepted Quantities apply.

SECTION 15: REGULATORY INFORMATION

United States Regulations

Inventory listing (TSCA): All the ingredients are listed or exempt.

SARA section 302 extremely hazardous substances: None of the ingredients are listed.

SARA section 313 toxic chemicals: None of the ingredients are listed.

Massachusetts Right to Know: None of the ingredients are listed

New Jersey Right to Know: None of the ingredients are listed.

New York Right to Know: None of the ingredients are listed.

Pennsylvania Right to Know: None of the ingredients are listed.

California Proposition 65: This product does not contain proposition 65 listed chemicals that would mandate consumer notification labeling.

SECTION 16: OTHER INFORMATION

Abbreviation and Acronyms:

NFPA: Not classified

HMIS: Not classified

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SDS for SPKSP-MS Chlorhexidine &
Ketoconazole Spray, Mousse or Wipes for
Pets

Document Number: PSD-0003615
Document Version: 1.0
Effective Date: 07-Apr-2026

This is a representation of an electronic record that was signed electronically and this page is the manifestation of the electronic signatures.

Signatory Table

Action Name	User Name	Title	Signature Date
Send for Review (Written By)	Maitane Blas Karp	Formulation Scientist	31-Mar-2026 06:37
Review	Darwin Thanaraj Rajamanickam	Director of Research and Development	31-Mar-2026 07:12
Review	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:19
Send for Approval	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:19
Approve	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:19
QA Approval - Skip Training	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:20

* Dates are displayed according to the system time zone: (GMT-07:00) Pacific Daylight Time (America/Los_Angeles)

SAFETY DATA SHEET

Ref: OSHA Hazard Communication Standard, 29 CFR 1910.1200 and GHS (Globally Harmonized System) guidelines

SECTION 1: PRODUCT IDENTIFICATION AND IDENTIFICATION OF THE COMPANY / UNDERTAKING

Product Identifier

Product name: Chlorhexidine & Ketoconazole Spray, Mousse or Wipes for Pets,
(formula SPKSP)

Recommended Use of the Product and restriction on use

Relevant identified uses: Soothing and relieving topical spray, mousse or wipes for pets.

Uses advised against: For Use Only in Animals

Reasons why uses are advised against: N/A

Manufacturer or supplier details

Distributor:

United States

Tropichem Research Labs, LLC dba Vetio
15843 Guild Ct
Jupiter, FL 33478
1-561-804-7603

Emergency telephone number:

United States

CHEMTREC

1-800-424-9300 (24 hours)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classifications of the substance or mixture:

Classification according to GHS 29CFR 1910.1200

GHS classification:

Skin corrosion/irritation	: Category 3
Sensitization, Skin	: Category 1
Serious eye damage/eye irritation	: Category 1
Sensitization, respiratory	: Category 1
Reproductive toxicity	: Category 1
Specific target organ toxicity, repeated exposure	: Category 2
Hazardous to the aquatic environment, long-term hazard	: Category 2

2.2 Label Elements

Hazard pictograms:



Signal Word: Danger

Hazard statement:

H316: Causes mild skin irritation

H317: May cause an allergic skin reaction

H318: Causes serious eye damage

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

H360: May damage fertility or the unborn

H373: May cause damage to organs through prolonged or repeated exposure

H411: Toxic to aquatic life with long lasting effects

Precautionary statements:

Prevention

P101: If medical advice is needed: Have product container or label at hand

P102: Keep out of reach of children.

P103: Read label before use.

P203: Obtain, read, and follow all safety instructions before use.

P233: Keep container tightly closed.

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P264+P265: Wash hands thoroughly after handling. Do not touch eyes.

P271: Use only outdoors or in a well-ventilated area.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves, protective clothing, eye protection and face protection.

P284: In case of inadequate ventilation, wear respiratory protection.

Response:

P302+P352: IF ON SKIN: wash with plenty of water.

P304+P340: IF INHALED remove person to fresh air and keep comfortable for breathing.

P305+P354+P338: IF IN EYES Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P333+P317: If skin irritation or rash occurs: Get medical help.

P318: if exposed or concerned, get medical advice.

P319: Get medical help if you feel unwell.

P342+P316: If experiencing respiratory symptoms Get emergency medical help immediately.

P362+P364: Take off contaminated clothing and wash it before reuse.

Document State: Effective (Controlled)

CONFIDENTIAL

P391: Collect spillage.

Storage:

P403: Store in a well-ventilated place.

P405: Store locked up.

Disposal:

P501: Dispose of contents in accordance with local/regional/national/international regulations.

2.3 Hazards not otherwise classified:

N/A

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Description of the mixture: Water based (Mixture)

Chemical name	CAS#	Weight %	Classification GHS (Rev 5)
Chlorhexidine Gluconate	18472-51-0	2	H318, H410
Ketoconazole	65277-42-1	1	H301, H333, H317, H410, H360, H373, H334
Lactic Acid	79-33-4	0.5 - 1.0	H314, H318
Fragrance	Mixture	0.1 - 0.5	H315, H317

Additional information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

General notes:

In the case of an accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt, seek medical advice.

Show this safety data sheet to the doctor in attendance.

Do not leave the victim unattended.

Relevant routes of exposure:

Inhalation:

If inhaled, remove from contaminated area. If unconscious, place in recovery position and seek medical attention. Apply artificial respiration if not breathing.

Skin contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash with water and soap as a precaution. Get medical attention if symptoms occur.

Eye contact:

If contact with eyes occurs, immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.

Ingestion:

If swallowed, contact your regional poison center or physician immediately. Rinse mouth thoroughly with water and afterwards drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Acute symptoms and effects: N/A

Delayed symptoms and effects: N/A

4.3 Indication of any immediate medical attention and special treatment

Treat symptomatically and supportively.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None known.

5.2 Special Hazards arising from the substance or mixture: This product is not classified as flammable. May evolve carbon oxides and hydrocarbons when heated to decomposition. Containers may rupture if exposed to extreme heat.

5.3. Advice for Fire-Fighters: Treat as per requirements for surrounding fires. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Cool intact containers and nearby storage areas.

5.4 Further Information: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures:

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

6.2 Environmental precautions:

Avoid release into the environment. Prevent product from entering drains and waterways.

6.3 Methods and material for containment and cleaning up:

Contain spills to prevent spreading. Wipe up with absorbent material. Collect and dispose of in accordance with local regulations.

Reference to other sections:

See sections 13 and 15 of this SDS for exposure controls and disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Before using carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

7.2 Conditions for safe storage, including any incompatibilities:

Store at room temperature, protect from freezing.

7.3 Specific End Use(s):

This product is intended for consumer use as specified in Section 1.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values: Not determined

Biological limit values: Not determined.

8.2 Exposure controls

Information on monitoring procedures: Not determined.

Appropriate engineering controls: Use adequate general and/or local exhaust ventilation to minimize worker exposure. Engineering controls should be used to reduce exposure to the lowest feasible level.

Personal protection equipment

Eye and face protection: Wear chemical splash goggles during bulk handling or decanting. Use a face shield where splashing or spraying is likely.

Skin and body protection: Wear protective gloves to avoid skin contact, especially during prolonged or repeated exposure. Remove contaminated clothing and wash skin thoroughly after handling.

Respiratory protection: If ventilation is inadequate or airborne exposure limits may be exceeded, use an appropriate approved respirator.

General hygienic measures: Avoid contact with skin, eyes, and clothing. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Remove contaminated clothing and wash before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Clear, pale yellow to dark red-colored liquid [color deepens over time]
Odor:	Characteristic cucumber-melon fragrance
Odor threshold:	No data available
pH:	3.4 – 4.2
Melting point/Freezing point:	No data available
Initial boiling point/range:	> 99°C
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper flammability/explosive limit:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	No data available
Solubilities:	Water Soluble
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity [cP]	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: No data available.

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions: None under normal processing.

10.4 Conditions to avoid: Excessive heat.

10.5 Incompatible materials: Strong acids/bases. Oxidizing agents.

10.6 Hazardous decomposition products: Combustion or thermal decomposition can evolve toxic and irritant vapors. Carbon Oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Skin corrosion/irritation

Assessment: Causes mild skin irritation

Ingredients: Lactic Acid CAS# 79-33-4 [0.5 – 1.0%]

Fragrance CAS# Mixture [0.1 - 0.5%]

Product data: No available data on the product.

Substance data: No available data on the product.

Serious eye damage/irritation

Assessment: Causes serious eye damage

Ingredients: Chlorhexidine Gluconate CAS# 18472-51-0 [2%]

Lactic Acid CAS# 79-33-4 [0.5 – 1.0%]

Product data: No available data on the product.

Substance data: No available data on the product.

Respiratory or skin sensitization

Assessment: May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled

Ingredients: Ketoconazole CAS# 65277-42-1 [1%]

Fragrance Mixture [0.1 – 0.5%]

Product data: No available data on the product.

Substance data: No available data on the product.

Carcinogenicity

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Germ Cell mutagenicity

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Reproductive toxicity

Assessment: May damage fertility or the unborn child.

Ingredients: Ketoconazole CAS# 65277-42-1 [1%]

Product data: No available data on the product.

Substance data: No available data on the product.

Specific target organ toxicity (single exposure)

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Specific target organ toxicity (repeated exposure)

Assessment: May causes damage to organs through prolonged or repeated exposure.

Ingredients: Ketoconazole CAS# 65277-42-1 [1%]

Product data: No available data on the product.

Substance data: No available data on the product.

Aspiration toxicity

Assessment: Not classified based on available information.

Product data: No available data on the product.

Substance data: No available data on the product.

Information on likely routes of exposure: N/A

Symptoms related to the physical, chemical, and toxicological characteristics: N/A

Other information: N/A

SECTION 12: ECOLOGICAL INFORMATION

Acute (short-term) toxicity

Assessment: Not classified on available information.

Product data: No available data on the product.

Substance data: No available data on the product

Chronic (long-term) toxicity

Assessment: Toxic to aquatic life with long lasting effects.

Ingredients: Chlorhexidine Gluconate CAS# 18472-51-0 [2%],
Ketoconazole CAS# 65277-42-1 [1%]

Product data: No available data on the product.

Substance data: No available data on the product

Persistence and degradability: Not classified based on available information.

Bioaccumulative potential: No available data on the product.

Mobility in soil: No available data on the product.

Results of PBT and vPvB assessment: No available data on the product.

Other adverse effects: N/A

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of in accordance with local regulations.

Contaminated packages: Dispose of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION

United States transportation of dangerous goods (49 CFR DOT)

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquids, n.o.s. (Chlorhexidine Gluconate, Ketoconazole), MARINE POLLUTANT

Transport Hazard Class: 9

Packing Group: III

Labels Required: 9

Environmental Hazards:

Marine Pollutant: Yes

Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling

Special Provisions: 274, 331, 335, 375

Limited Quantity Exception: Yes, for inner containers ≤ 5 L

This product is classified as a dangerous good when transported in quantities greater than 5 L; however, when packaged in inner containers of 5 L or less and in accordance with applicable regulations, it qualifies for the Limited Quantity exemption under **49 CFR 173.150 (DOT)** for ground transport.

International Maritime Dangerous Goods (IMDG)

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquids, n.o.s. (Chlorhexidine Gluconate, Ketoconazole), MARINE POLLUTANT

Class: 9

Packing Group: III

Environmental Hazards:

Marine Pollutant: Yes

Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling

Special Provisions: 274, 909, 944

Limited Quantity Exception: Yes, for inner containers ≤ 5 L

This product is classified as a dangerous good when transported in quantities greater than 5 L; however, when packaged in inner containers of 5 L or less and in accordance with applicable regulations, it qualifies for the Limited Quantity exemption under **49 CFR 172.519 (IMDG)** for sea transport.

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquids, n.o.s. (Chlorhexidine Gluconate, Ketoconazole), MARINE POLLUTANT

Class: 9

Packing Group: III

Special Provisions: A97, A158, A197, A215

Excepted Quantity Code: E1 (for inner containers ≤ 30 mL and outer packages ≤ 1 L)

In accordance with ICAO Technical Instructions (Doc 9284), Part 3, Chapter 5, this product (Class 3, UN Packing Group III, E1) may be transported as Dangerous Goods in Excepted Quantities when packaged in compliance with the provisions applicable to Excepted Quantity Code E1, with no more than 30 mL per inner packaging and 1 L per outer packaging. In this case, only the provisions specifically applicable to Excepted Quantities apply.

SECTION 15: REGULATORY INFORMATION

United States Regulations

Inventory listing (TSCA): All the ingredients are listed or exempt.

SARA section 302 extremely hazardous substances: None of the ingredients are listed.

SARA section 313 toxic chemicals: None of the ingredients are listed.

Massachusetts Right to Know: None of the ingredients are listed

New Jersey Right to Know: None of the ingredients are listed.

New York Right to Know: None of the ingredients are listed.

Pennsylvania Right to Know: None of the ingredients are listed.

California Proposition 65: This product does not contain proposition 65 listed chemicals that would mandate consumer notification labeling.

SECTION 16: OTHER INFORMATION

Abbreviation and Acronyms:

NFPA: Not classified

HMIS: Not classified

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SDS for SPKSP-MS Chlorhexidine &
Ketoconazole Spray, Mousse or Wipes for
Pets

Document Number: PSD-0003615
Document Version: 1.0
Effective Date: 07-Apr-2026

This is a representation of an electronic record that was signed electronically and this page is the manifestation of the electronic signatures.

Signatory Table

Action Name	User Name	Title	Signature Date
Send for Review (Written By)	Maitane Blas Karp	Formulation Scientist	31-Mar-2026 06:37
Review	Darwin Thanaraj Rajamanickam	Director of Research and Development	31-Mar-2026 07:12
Review	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:19
Send for Approval	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:19
Approve	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:19
QA Approval - Skip Training	Suamy Baerga	Quality Unit Director	07-Apr-2026 04:20

* Dates are displayed according to the system time zone: (GMT-07:00) Pacific Daylight Time (America/Los_Angeles)