

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.25.2019

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Dechra MalAcetic Ultra Otic Cleanser

SECTION 1: Identification

Product identifier

Product name: Dechra MalAcetic Ultra Otic Cleanser

Product code: Dechra MalAcetic Ultra Otic Cleanser

Recommended use of the product and restriction on use

Relevant identified uses: Pet Ear Flush

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:

United States

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

Supplier:

United States

Glen Haven
8000 NE Tillamook St.
Portland, OR 97213

Emergency telephone number:

United States

ChemTrec (24 hours)
1-800-424-9300

SECTION 2: Hazard(s) identification

GHS classification:

Skin irritation, category 2

Eye irritation, category 2A

Specific target organ toxicity - single exposure, category 3, central nervous system

Specific target organ toxicity - single exposure, category 3, respiratory irritation

Reproductive toxicity, category 1B

Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H335 May cause respiratory irritation.

H360 May damage fertility or the unborn child.

Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 Wash hands/eyes/mouth/skin/clothing thoroughly after handling.

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P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P281 Use personal protective equipment as required.
P321 Specific treatment (see supplemental first aid instructions on this label).
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P332+P313 If skin irritation occurs: Get medical advice/attention
P362+P364 Take off contaminated clothing and wash it before reuse.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists get medical advice/attention
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308+P313 If exposed or concerned: Get medical advice/attention
P403+P233 Store in a well ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified: None

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 57-55-6	Propane-1,2-diol	55-70
CAS number: 64-17-5	Ethanol	15-25
CAS number: 9005-64-5	Sorbitan monolaurate, ethoxylated	2-5
CAS number: 56-81-5	Glycerol	2-5
CAS number: 64-19-7	Acetic Acid, Glacial	<1
CAS number: 50-23-7	Hydrocortisone	<1
CAS number: 65277-42-1	Ketoconazole	<0.2

Additional Information: None

SECTION 4: First aid measures

Description of first aid measures

General notes:

Not determined or not applicable.

After inhalation:

Loosen clothing as necessary and position individual in a comfortable position
Maintain an unobstructed airway
Get medical advice/attention if you feel unwell
Take precautions to ensure your own safety
Remove source of exposure or move person to fresh air

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Get medical advice if you feel unwell or concerned

After skin contact:

Rinse affected area with soap and water

If symptoms develop or persist, seek medical attention

Take off all contaminated clothing

Gently blot or brush away excess product

Wash with plenty of lukewarm, gently flowing water

Get medical advice if skin irritation occurs or you feel unwell

After eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes

If symptoms develop or persist, seek medical attention

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open

Remove contact lenses, if present and easy to do so

Continue rinsing for 15-20 minutes

Get medical advice if eye irritation persists

After swallowing:

Rinse mouth thoroughly

Seek medical attention if irritation, discomfort, or vomiting persists

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Not determined or not applicable.

Delayed symptoms and effects:

Not determined or not applicable.

Immediate medical attention and special treatment

Specific treatment:

Not determined or not applicable.

Notes for the doctor:

Not determined or not applicable.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

Unsuitable extinguishing media:

Not determined or not applicable.

Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors

Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit

Special precautions:

Not determined or not applicable.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation

Ensure air handling systems are operational

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Wear protective eye wear, gloves and clothing

Environmental precautions:

Should not be released into the environment

Prevent from reaching drains, sewer or waterway

Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing

Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders)

Dispose of contents / container in accordance with local regulations

Reference to other sections:

Not determined or not applicable.

SECTION 7: Handling and storage

Precautions for safe handling:

Use only with adequate ventilation.

Avoid breathing mist or vapor.

Do not eat, drink, smoke or use personal products when handling chemical substances.

Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed.

Protect from freezing and physical damage.

Store in a cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	Ethanol	64-17-5	ACGIH TLV TWA 1,000 ppm
	Acetic Acid, Glacial	64-19-7	ACGIH TLV TWA 10 ppm
	Acetic Acid, Glacial	64-19-7	ACGIH TLV STEL 15 ppm
	Ethanol	64-17-5	ACGIH TLV STEL 1,000 ppm
WEEL	Propane-1,2-diol	57-55-6	WEEL TWA 10.0 mg/m ³
United States (OSHA)	Ethanol	64-17-5	OSHA PEL TWA 1,000 ppm
	Ethanol	64-17-5	OSHA PEL TWA 1,900 mg/m ³
	Acetic Acid, Glacial	64-19-7	OSHA PEL TWA 10 ppm
	Acetic Acid, Glacial	64-19-7	OSHA PEL TWA 25 mg/m ³
	Glycerol	56-81-5	OSHA PEL TWA value 15 mg/m ³ (Total dust)
	Glycerol	56-81-5	OSHA PEL TWA value 5 mg/m ³ (Respirable fraction)
NIOSH	Ethanol	64-17-5	NIOSH REL TWA 1,000 ppm
	Acetic Acid, Glacial	64-19-7	NIOSH REL TWA 10 ppm
	Acetic Acid, Glacial	64-19-7	NIOSH REL TWA 25 mg/m ³
	Ethanol	64-17-5	NIOSH REL TWA 1,900 mg/m ³
	Acetic Acid, Glacial	64-19-7	NIOSH REL ST 15 ppm
	Acetic Acid, Glacial	64-19-7	NIOSH REL ST 37 mg/m ³

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Biological limit values:

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.

Biological monitoring may also be appropriate for some substances.

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Personal protection equipment

Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

Skin and body protection:

Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Clear to colorless to pale peach colored liquid
Odor	Acetic-Alcohol odor
Odor threshold	Not available or determined.
pH	4.0 - 5.50
Melting point/freezing point	Not available or determined.
Initial boiling point/range	Not available or determined.
Flash point (closed cup)	Not available or determined.
Evaporation rate	Not available or determined.
Flammability (solid, gas)	Not available or determined.
Upper flammability/explosive limit	Not available or determined.
Lower flammability/explosive limit	Not available or determined.
Vapor pressure	Not available or determined.
Vapor density	Not available or determined.
Density	Not available or determined.
Relative density	1.00 - 1.03 g/cm ³
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not available or determined.
Auto/Self-ignition temperature	Not available or determined.

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Decomposition temperature	Not available or determined.
Dynamic viscosity	Not available or determined.
Kinematic viscosity	Not available or determined.
Explosive properties	Not available or determined.
Oxidizing properties	Not available or determined.

Other information

SECTION 10: Stability and reactivity

Reactivity:

Does not react under normal conditions of use and storage.

Chemical stability:

Stable under normal conditions of use and storage.

Possibility of hazardous reactions:

None under normal conditions of use and storage.

Conditions to avoid:

None known.

Incompatible materials:

None known.

Hazardous decomposition products:

Carbon oxides.

SECTION 11: Toxicological information

Acute toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Route	Result
Ketoconazole	oral	LD50 - Rat - 166 mg/kg
Ethanol	oral	LD50 Guinea pig: 5,560 mg/kg
	inhalation	LC50 Mouse: 20,698 ppm (4 hr)
	dermal	LD50 Rabbit: 17,100 mg/kg

Skin corrosion/irritation

Assessment:

Causes skin irritation

Product data:

No data available.

Substance data:

Name	Result
Acetic Acid, Glacial	Causes severe skin burns.

Serious eye damage/irritation

Assessment:

Causes serious eye irritation

Product data:

No data available.

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Substance data: No data available.

Respiratory or skin sensitization

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

International Agency for Research on Cancer (IARC):

Name	Classification
Ethanol	Group 1 - Carcinogenic to humans

National Toxicology Program (NTP):

Name	Classification
Ethanol	Known to be human carcinogens

Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Reproductive toxicity

Assessment:

May damage fertility or the unborn child

Product data:

No data available.

Substance data:

Name	Result
Hydrocortisone	Suspected of damaging fertility or the unborn child and may cause damage to organs through prolonged or repeated exposure.
Ketoconazole	May damage fertility.

Specific target organ toxicity (single exposure)

Assessment:

May cause respiratory irritation

May cause drowsiness or dizziness

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (repeated exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data:

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Name	Result
Ketoconazole	May cause damage to reproductive organs through prolonged or repeated exposure.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Information on likely routes of exposure:

No data available.

Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

Other information:

No data available.

SECTION 12: Ecological information

Acute (short-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Result
Ketoconazole	Very toxic to aquatic life with long lasting effects.

Chronic (long-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Result
Ketoconazole	Very toxic to aquatic life with long lasting effects.

Persistence and degradability

Product data: No data available.

Substance data:

Name	Result
Propane-1,2-diol	Readily biodegradable.
Ethanol	Readily biodegradable in water.
Glycerol	Readily biodegradable.
Acetic Acid, Glacial	Readily biodegradable in water.

Bioaccumulative potential

Product data: No data available.

Substance data:

Name	Result
Ethanol	Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.

Mobility in soil

Product data: No data available.

Substance data:

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Name	Result
Ethanol	Highly Mobile (Koc: 1)

Other adverse effects: No data available.

SECTION 13: Disposal considerations

Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

SECTION 14: Transport information

United States Transportation of dangerous goods (49 CFR DOT)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

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

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

SECTION 15: Regulatory information

United States regulations

Inventory listing (TSCA):

50-23-7	Hydrocortisone	Listed
65277-42-1	Ketoconazole	Not Listed
57-55-6	Propane-1,2-diol	Listed
64-17-5	Ethanol	Listed
56-81-5	Glycerol	Listed

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9005-64-5	Sorbitan monolaurate, ethoxylated	Listed
64-19-7	Acetic Acid, Glacial	Listed

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export notification under TSCA Section 12(b): None of the ingredients are listed.

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

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

CERCLA: None of the ingredients are listed.

RCRA: None of the ingredients are listed.

Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know:

50-23-7	Hydrocortisone	Not Listed
65277-42-1	Ketoconazole	Not Listed
57-55-6	Propane-1,2-diol	Not Listed
64-17-5	Ethanol	Listed
56-81-5	Glycerol	Listed
9005-64-5	Sorbitan monolaurate, ethoxylated	Not Listed
64-19-7	Acetic Acid, Glacial	Listed

New Jersey Right to Know:

50-23-7	Hydrocortisone	Not Listed
65277-42-1	Ketoconazole	Not Listed
57-55-6	Propane-1,2-diol	Listed
64-17-5	Ethanol	Listed
56-81-5	Glycerol	Listed
9005-64-5	Sorbitan monolaurate, ethoxylated	Not Listed
64-19-7	Acetic Acid, Glacial	Listed

New York Right to Know:

50-23-7	Hydrocortisone	Not Listed
65277-42-1	Ketoconazole	Not Listed
57-55-6	Propane-1,2-diol	Not Listed
64-17-5	Ethanol	Listed
56-81-5	Glycerol	Not Listed
9005-64-5	Sorbitan monolaurate, ethoxylated	Not Listed
64-19-7	Acetic Acid, Glacial	Listed

Pennsylvania Right to Know:

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50-23-7	Hydrocortisone	Not Listed
65277-42-1	Ketoconazole	Not Listed
57-55-6	Propane-1,2-diol	Listed
64-17-5	Ethanol	Listed
56-81-5	Glycerol	Listed
9005-64-5	Sorbitan monolaurate, ethoxylated	Not Listed
64-19-7	Acetic Acid, Glacial	Listed

California Proposition 65: None of the ingredients are listed.

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 2-0-0

HMIS: 2-0-0

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End of Safety Data Sheet