

HealMax Paste

Section 1. Chemical Product and Company Information
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Product Name : HealMax Paste
 Other means of identification : Not applicable
 Recommended Use : Bovine foot care
 Restrictions on Use : Reserved for industrial and professional use.

Supplier Information : AgroChem Inc.
 26 Freedom Way
 Saratoga Springs, NY 12866
 (518) 226-4850


Code :
 Date of issue : 12/28/17

EMERGENCY HEALTH INFORMATION : ChemTrec : (800) 424-9300
 Outside United States and Canada CALL: : ChemTrec : 1-703-527-3887

Section 2. Hazards Identification
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GHS Classification	Category	
Acute Tox. (oral)	: 4	H302
Acute Tox. (inhalation)	: 4	H332
Skin Irritation	: 2	H315
Eye Irritation	: 2A	H318
Resp. Sens.	: 2	H334
Skin Sens.	: 2	H317
Aquatic Acute	: 2	H401
Chronic aquatic toxicity	1	

GHS Label Element

Hazard pictograms : 

Signal Word : Danger
 Hazard Statements : H302 – Harmful if swallowed
 H332 -- Harmful if inhaled
 H312 – Harmful in contact with skin
 H318 -- Risk of serious damage to eyes



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H334 – May cause allergy or asthma symptoms or breathing difficulty if inhaled.

H317 - May cause an allergic skin reaction

H401 – Toxic to aquatic life

Precautionary Statements

: Prevention

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

P264 - Wash skin thoroughly after handling.

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

Do not eat, drink or smoke when using this product

P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.

Do not mix with bleach or other chlorinated products – will cause chlorine gas

Avoid release to the environment

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

Response

IF INHALED: -- Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician.

IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.

IF SWALLOWED: Rinse mouth Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Storage:

Store locked up.
Store in a closed container,
Store in a well-ventilated place.

Disposal:

Dispose of contents/ container to an approved waste disposal plant.

Other hazards

: None Known

HealMax Paste**Section 3. Composition / Information on Ingredients**

Pure substance/mixture : Mixture

Chemical Name	CAS-No.	%	Classification
Glutaraldehyde	(CAS No) 111-30-8	3-4%	Acute Tox. 3 (Oral), H301
	(EC No) 203-856-5		Skin Corr. 1B, H314
	(EC index no) 605-022-00-X		Resp.Sens.1, H334
	(Reach-no) 01-2119455549-26		Skin Sens. 1,H317
Copper Sulfate, Pentahydrate	7758-99-8	10-15%	Aquatic Acute 1, H400
			Acute toxicity – Oral 4, Acute toxicity – Dermal 4, Skin corrosion/irritation 2, Serious eye damage/eye irritation 2

Section 4. First Aid Measures

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Contact ophthalmologist immediately.

In case of skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if irritation develops.

If swallowed : Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

Protection of first-aiders : If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Notes to physician : Treat symptomatically.

See toxicological information (Section 11)

Section 5. Fire Fighting Measures

Extinguishing Media : Use extinguishing measures that are appropriate to local



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circumstances and the surrounding environment.

Special Hazards arising from the substance or mixture : Formation of toxic gases is possible during heating or fire. Toxic or corrosive gases including oxides of carbon and oxides of sulfur

Special protective equipment for fire-fighters : Use personal protective equipment.

Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Do not allow contact with soil, surface or ground water. Place waste in an appropriately labeled, sealed container for disposal. Care should be taken to avoid environmental release.

Methods and materials for containment and cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dikes spilled material or otherwise contain material to ensure runoff does not reach a waterway.

Additional Consideration for Large Spills: Non-essential personnel should be evacuated from affected area. Report emergency situations immediately. Clean up operations should only be undertaken by trained personnel.

Section 7. Handling and Storage

Advice on safe handling : Use with adequate ventilation. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing. When handling, use appropriate personal protective equipment (see Section 8). Wash thoroughly after handling. Releases to the environment should



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be avoided. Review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure or environmental releases. Potential points of process emissions of this material to the atmosphere should be controlled with dust collectors, HEPA filtration systems or other equivalent controls.

Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Use only with adequate ventilation. Wash hands thoroughly after handling. Do not mix with bleach or other chlorinated products – will cause chlorine gas.

- Conditions for safe storage : Store in dry, cool, well-ventilated area. Protect from freezing. Keep at a temperature not exceeding 50°C. Keep out of reach of children. Store in suitable labeled contain oxidizers. Protect from freezing. Store tightly covered away from heat, acids, bases, and oxidizers.
- Appropriate engineering controls : Provide local exhaust or general room ventilation. Maintain air concentrations below occupational exposure standards
- Personal protective equipment ; Gloves. Face shield. Protective clothing. Insufficient ventilation: wear respiratory protection. Protective goggles.
- Eye protection : Safety goggles
Face-shield
- Hand protection ; Wear the following personal protective equipment: Standard glove type. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
- Skin protection : Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing
- Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
- Storage temperature < 50 °C/122 °F
- Incompatible Materials:** Metals Strong alkalis Reducing agents

Section 8. Exposure Controls / Personal Protection

- Exposure limits : No occupational exposure limits established by OSHA/ACGIH/NIOSH for HealMax.

Glutaraldehyde (111-30-8)		
EU	IOELV TWA (mg/m ³)	20 mg/m ³
EU	IOELV TWA (ppm)	0,2 ppm
United Kingdom	WEL TWA (mg/m ³)	15min – 8h 0,2 mg/m ³
United Kingdom	WEL TWA (ppm)	15min – 8h 0,05 ppm



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Copper Sulfate, Pentahydrate 7758-99-8		
	ACGIH Threshold Limit Value (TWA)	0.2 mg/m ³
Finland	OEL - TWA	1 mg/m ³

Section 9. Physical and Chemical Properties

Appearance	: paste
Color	: Green
Odor	: Wintergreen, Aldehyde.
pH	: 4, in solution
Flash point	: No data available
Odor Threshold	: No data available
Melting point / freezing point	: No data available
Initial boiling point and boiling range	: No data available
Evaporation Rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapor pressure	: No data available
Relative vapor density	: No data available
Relative density	: No data available
Water solubility	: No data available
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, kinematic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

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Molecular weight : No data available
VOC : No data available

Section 10. Stability and Reactivity

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Do not mix with bleach or other chlorinated products – will cause chlorine gas.
Oxidizing Properties: Oxidizer

Conditions to avoid : Keep away from excessive heat and flames. Alkalis Strong caustics

Incompatible materials : Metals Strong alkalis Reducing agents

Hazardous decomposition products : **Products:** Thermal decomposition can lead to release of irritating gases and vapors. Thermal decomposition products may include oxides of sulfur Copper oxides

Section 11. Toxicological Information

Glutaraldehyde (111-30-8)

ATE (Oral) : 100,000 mg/kg

LD50 Oral rat : >1,000 mg/kg (OECD Guideline 402)

LD50 Oral rabbit : >1,000 mg/kg (OECD Guideline 402) No mortality observed.

Alkyldimethylbenzlammoniumchloride (68424-85-1)

ATE (Oral) : 500,000 mg/kg

Information on toxicological effects : Inhalation, Eye contact, Skin contact

Acute toxicity : Irritation to eyes and skin

Skin corrosion / irritation : Causes sever skin and eye irritation.

Serious eye damage / irritation : Eye Irritation, category 2A

Respiratory or skin sensitization : May cause sensitization by inhalation and skin contact

Germ cell mutagenicity : No data available

Carcinogenicity : No data available

Reproductive toxicity : No data available

Specific target organ toxicity (single exposure) : No data available



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Specific target organ toxicity (repeated exposure) : No data available
Aspiration hazard : No data available

Section 12. Ecological Information

Toxicity : The environmental characteristics of this material have not been fully evaluated. Releases to the environment should be avoided.

Persistence and degradability : No data available

Bio accumulative potential : No data available

Mobility in soil : No data available

Results of PBT and vPvB assessment : No data available

Other adverse effects : This product contains hazardous components for the environment.

Section 13. Disposal Considerations

Disposal methods : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Disposal considerations :

Section 14. Transport Information

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.
This product is not regulated.

Section 15. Regulatory Information

EPA Registration Number : None required.



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SARA 304	:	This material does not contain any components with a section 304 EHS RQ.
SARA 311/312 Hazards	:	Acute Health Hazard
SARA 302	:	This material does not contain any components that are subject to reporting levels established by SARA Title III, Section 302:
SARA 313	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
California Prop 65	:	This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

Section 16. Other Information

HMIS III:

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = Not Significant, 1 = Slight

2 = Moderate, 3 = High

4 = Extreme, * = Chronic

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Prepared by : RJD

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated in the footer margin of the SDS.

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.