



## HMTP - Hog Manure Treatment Product

SDS Number: H698219

Revision Date: May 9, 2016

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### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** HMTP - Hog Manure Treatment Product  
**Revision Date:** May 9, 2016  
**SDS Number:** H698219

#### Manufactured for:

Kärcher North America, Inc.  
325 South Price Road  
Chandler, AZ 85224

**Phone:** 360-833-1600  
**Fax:** 360-833-9200  
**Email:** info@karcherna.com  
**Web:** www.karcher.com

**Emergency Information: INFOTRAC 1-800-535-5053 International 1-352-323-3500**

### 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):**  
Health, Eye Irritation, 2 B

#### GHS Label elements, including precautionary statements

**GHS Signal Word:** **WARNING**

#### GHS Hazard Pictograms:

no GHS pictograms indicated for this product

#### GHS Hazard Statements:

H320 - Causes eye irritation

#### GHS Precautionary Statements:

P264 - Wash thoroughly with soap and water after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
P337 - If eye irritation persists: Get medical advice/attention.

**Route of Entry:** Eyes; Skin; Inhalation  
**Target Organs:** Eyes; Skin  
**Inhalation:** Minimal respiratory tract irritation may occur with exposure to a large amount of material.  
**Skin Contact:** May cause irritation.  
**Eye Contact:** May cause irritation.  
**Ingestion:** No significant adverse health effects are expected to develop if only small amounts are swallowed. Swallowing large amounts may cause abdominal discomfort and diarrhea.

GHS PICTOGRAMS: No GHS Pictograms

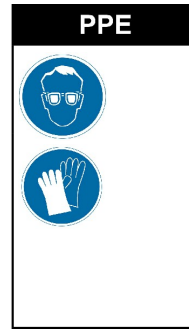
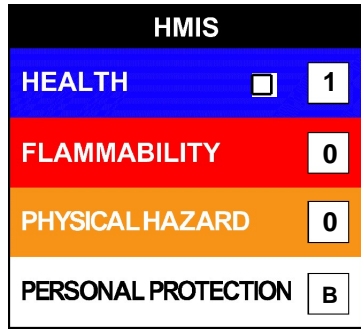
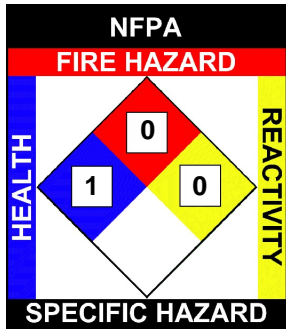
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**NFPA:** Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = n/a  
**HMIS III:** Health = 1, Fire = 0, Physical Hazard = 0  
**HMIS PPE:** B - Safety Glasses, Gloves



### 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

Cas#	%	Chemical Name
7647-14-5	99-100%	Saline

Product contains <1% Oxychlorine Compounds Mixture

### 4 FIRST AID MEASURES

**Inhalation:** This product is not known to cause respiratory problems. However, if breathing is difficult, remove to fresh air and give oxygen if needed. Seek medical attention if cough or other symptoms develop

**Skin Contact:** This product is not known to cause skin irritation in normal use. If irritation develops, wash skin with soap and water.

**Eye Contact:** In case of contact, flush eyes with plenty of water. Seek medical attention if irritation persists.

**Ingestion:** This product is not known to cause ingestion problems. If ingested, drink water. Seek medical attention if gastric distress develops.

### 5 FIRE FIGHTING MEASURES

**Flammability:** Material is not flammable.  
**Flash Point:** 100°C/ 212°F  
**Flash Point Method:** Closed Cup

Wear self-contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

### 6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbent material and place into separate waste container. Ventilate area and wash spill site after material pickup is complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash thoroughly after handling.

**Storage Requirements:** Keep away from children. Store in cool/dry area; Keep container closed.



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#### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Normal room ventilation is satisfactory for limited use.  
**Personal Protective Equipment:** HMIS PP, B | Safety Glasses, Gloves

This product contains no hazardous components as defined under the criteria of the Federal OSHA Hazardous Communication Standard 29 CFR 1910.1200.

Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

#### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear	<b>Odor:</b>	Slight chlorine
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	Soluble
<b>Boiling Point:</b>	212 F		
<b>pH:</b>	8.0 - 9.0		

#### 10 STABILITY AND REACTIVITY

**Chemical Stability:** Product is stable under normal conditions.  
**Conditions to Avoid:** None known  
**Materials to Avoid:** Strong oxidizers  
**Hazardous Decomposition:** Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.  
**Hazardous Polymerization:** Will not occur.

#### 11 TOXICOLOGICAL INFORMATION

**Toxicity Data:**

Saline 7647-14-5

- Inhalation: Inhalation of vapor not expected to cause health hazard.
- Ingestion: Ingestion may cause mild irritation of the gastrointestinal tract.
- Skin Contact: Prolonged or repeated exposure may cause skin irritation. No hazards expected in normal use.
- Eye contact: Contact with eyes may cause mild irritation and discomfort

#### 12 ECOLOGICAL INFORMATION

On the basis of available information, this material is not expected to produce any significant environmental effects when recommended use instructions are followed.

#### 13 DISPOSAL CONSIDERATIONS

According to Federal regulations (40CFR 261.4 (b) (4)), it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Disposal should be in accordance with all local regulations.



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#### 14 TRANSPORT INFORMATION

Ship in accordance with 49 CFR parts 100-185. Non-hazardous for air, sea and road freight.

#### 15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

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Saline (7647-14-5) [99-100%] TSCA

Regulatory CODE Descriptions

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All components are listed on TSCA

CERCLA = Superfund clean up substance  
CSWS = Clean Water Act Hazardous substances  
MASS = MA Massachusetts Hazardous Substances List  
OSHA = OSHA workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
TSCA = Toxic Substances Control Act  
TXAIR = TX Air Contaminants with Health Effects Screening Level  
WHMIS = workplace Haz Mat Info Sys Canada

#### 16 OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager

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