

Material Safety Data Sheet

Product Name: Trailer and Stall Disinfectant

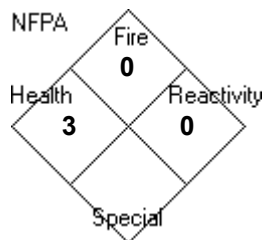
MSDS No.: 311-2

Version No.: 001

EPA Registration No.: 47371-130-2217

1. Basic Information:

Manufacturer: PBI/Gordon Corporation
Address: 1217 West 12th Street
City, State Zip: Kansas City, MO 64101-1407
Information Contact: Environmental, Health, & Safety Dept.
Information Telephone Number: (816)421-4070
Emergency Contact: Chemtrec
Emergency Telephone Number: (800)424-9300



3	Health
1	Flammability
0	Reactivity
B	Pers. Protection

Last Update: 6/28/2004

Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture

2. Ingredients:

Trade Secret (ND = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA 313		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z						
8001545	Alkyldimethylbenzylammonium Chloride	3.38%	N	N	N	N	N	NI	NI	NI	
7173515	Didecyl dimethyl ammonium chloride	5.07%	N	N	N	N	N	NI	NI	NI	
60004	Ethylenediamine-tetraacetic acid (EDTA)	1-3%	N	N	N	N	N	NI	NI	NI	

3. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Causes irreversible eye damage and skin burns. Harmful if swallowed or inhaled.

4. First Aid Measures:

Route(s) of Entry:

Inhalation, skin, eye, ingestion.

Health Hazards (Acute and Chronic):

Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get into eyes, on skin or on clothing. When handling product, protect eyes by wearing goggles or face shield and protect skin by wearing rubber gloves. Inhalation of fine fog mist can cause irritation of mucous membranes. Fine fog mist application is not recommended.

Signs and Symptoms:

Based on information available for similar products, it is anticipated that direct contact will produce severe eye and skin irritation and/or burns and possible irreversible damage. Solvent vapors or mist of product can produce irritation of the mucous membranes. Ingestion can produce immediate burning pain in the mouth, throat and abdomen; severe swelling of the larynx; skeletal muscle paralysis affecting the ability to breathe; circulatory shock; and/or convulsions. Exposure to ethyl alcohol concentrations of over 1,000 ppm may cause headache, irritation of the eyes, nose and throat, and if long continued, drowsiness and lassitude, loss of appetite and inability to concentrate.

Medical Conditions Generally Aggravated by Exposure:

None known to manufacturer.

Emergency First Aid Procedure:

--If in eye: Open eye and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

--If on skin or clothing: Take off contaminated clothing. Rinse skin

First Aid Measures (Continued)

immediately with plenty of water for 15-20 minutes.

--If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

--If inhaled: Remove from area to fresh air. If not breathing, clear airway and start artificial respiration. If victim is having trouble breathing, give supplemental oxygen, if available. Get immediate medical attention.

Other Health Warnings:

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

5. Fire Fighting Measures:

Flash Point: >200°F F.P. Method: Tag Closed Cup

Lower Explosive Limit: NI

Upper Explosive Limit: NI

Fire Extinguishing Media:

Foam, alcohol foam, carbon dioxide, dry chemical, water.

Special Fire Fighting Procedures:

Must wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.

Unusual Fire and Explosion:

Products of combustion are toxic.

6. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Use caution--floors may become slippery. Wear appropriate protective gear and respiratory protection where mist or vapors of unknown concentrations may be generated (self-contained breathing apparatus preferred). Dike and contain spill with inert material (sand, earth, etc.) and transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water.

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7. Handling and Storage:

Precautions to be Taken:

Keep out of reach of children. Store at temperatures below 140°F. Keep container closed until used. Do not contaminate drinking water, food or feed by storage or disposal. Work/Hygiene Practices: Wash hands thoroughly after handling.

Other Precautions:

NI

8. Exposure Controls/Personal Protection:

Ventilation Requirements:

In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices.

Personal Protective Equipment:

--Respiratory Protection: In processes where mists or vapors may be generated, a NIOSH/MHSA jointly approved respirator is advised in the absence of proper environmental controls.
 --Protective Gloves: Rubber or neoprene, when needed, to prevent skin contact with concentrate.
 --Eye Protection: Wear chemical splash goggles where there is a potential for eye contact. Use safety glasses with side shields under normal use conditions.
 --Other Protective Clothing or Equipment: Eye wash; safety shower; protective clothing (long sleeves, coveralls or other, as appropriate), when needed to prevent skin contact with concentrate.

9. Physical and Chemical Properties:

Boiling Point: 203°F

Melting Point: NI

Evaporation Rate (Butyl Acetate = 1) : <1

Vapor Pressure (mm Hg.): 17.7

Vapor Density (Air = 1): 0.7

Specific Gravity (H₂O = 1): 1.00000

Solubility in Water: Complete

Appearance and Odor: Clear, red, liquid; herbal odor

Other Information:

Density: 8.34 pounds/gallon

pH: 6.5 - 7.5

10. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Strong oxidizing and reducing agents.

Decomposition/By-Products:

Hydrogen chloride, Amines, other organic materials, Carbon monoxide, Carbon dioxide, and Nitrogen oxides

Hazardous Polymerization:

Will not occur

11. Toxicological Information:

--Oral LD50:(rat) = 1270 mg/kg

--Dermal LD50: (rabbit) = 3150 mg/kg

--Severe irritant: skin irritation (rabbit) = severe irritant on similar alkaline formulation containing 7% active quat.

12. Ecological Information:

Keep out of sewers and open bodies of water.

13. Disposal Considerations:

Dispose of in compliance with all federal, state and local laws and regulations. Incineration is the preferred method.

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. This product contains no reportable quantities of toxic chemicals subject to reporting requirements of Section 313 of SARA Title III Emergency Planning & Community Rights to Know Act of 1986 and 40 CFR Part 372.

14. Transport Information:

The following guidelines apply for domestic ground transport. If shipping by air or ocean, please contact our Transportation Dept.

Freight Class: Consumer Commodity, ORM-D - NMFC #57100

In our current available sizes, this product does not qualify as a Hazardous Material.

15. Regulatory Information:

OSHA STATUS: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS: All the ingredients in this mixture are on the TSCA Chemical Substances Inventory or are exempt.

CERCLA REPORTABLE QUANTITY: 250,000 pounds of the formulation which contains 5,000 pounds of Ehtylene diamine tetraacetic acid

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SECTION 311/312 HAZARD CATEGORIES: Immediate Health

Hazard, Delayed Health Hazard

SECTION 313 TOXIC CHEMICALS: None

RCRA STATUS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

16. Other Information:

REASON FOR ISSUE: New MSDS in the ANSI Z400.1-1998 format

NOTE: NI means not indicated.

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable depending on particular, exceptional or variable conditions or circumstances of use or storage or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you and must make independent determinations of the suitability of the information for your particular circumstances or conditions and of the completeness of the information available from all sources to assure both the proper use of the material described herein and the safety and health of employees.