

Magic Disinfectant Deodorizer Cleaner

SANIVAC INC./DAVIS MANUFACTURING
CLEANING IDEAS CORP.
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SIC NO. 5087

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: MAGIC

MSDS DATE: 1/2007

COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>Cas Number</u>
Water	7732-18-5
Diethylene Glycol Monobutyl Ether	112-34-5
Tetra Sodium Ethylenediamine Tetra Acetic Acid (Na ₄ EDTA)	64-02-8

HAZARDS IDENTIFICATION

Emergency Overview

Clear liquid,

May cause irritation to the eyes and skin.

Health Effects: Eyes

This product may cause irritation to the eyes.

Health Effects: Skin

This product may cause irritation to the skin.

Health Effects: Inhalation

Exposure via inhalation not likely. High vapor or aerosol mist concentrations may be irritating to the nose, throat and upper respiratory tract.

Health Effects: Ingestion

Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

FIRST AID MEASURES:

Eyes – Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists get medical attention.

Skin – Immediately take off all contaminated clothing. Wash contaminated clothing before reuse. For skin contact, flush with large amounts of water. If irritation persists, get medical attention.

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FIRST AID MEASURES CONTINUED

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Inhalation – If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion – Do not induce vomiting. If ingestion of a large amount does occur, seek medical attention. Never give anything by mouth to a victim who is unconscious or is having convulsions.

Notes to Physician:

If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

FIRE FIGHTING MEASURES

Flash Point (<93.9 °C), <201 F PMCC

Extinguishing Media

Use appropriate methods for combating the surrounding fire.

Fire Fighting Equipment/Instructions

Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

ACCIDENTAL RELEASE MEASURES

Spill and leak procedures

Emergency Action:

Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Do not touch or walk through spilled material. Wear appropriate personal protective equipment during cleanup. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Large Spills: Dike ahead of liquid spill for later disposal. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

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Handling Procedures

Avoid contact with skin and eyes. Avoid breathing vapors or mists of this product. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Storage Procedures

Store in a dry, well-ventilated area. Avoid freezing or excessive heat. DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Use with adequate ventilation.

Personal Protective Equipment: Eyes/Face

Wear safety glasses with side shields.

Personal Protective Equipment: Skin

Use impervious gloves. Wear suitable protective clothing.

Personal Protective Equipment: Respiratory

Under normal conditions, respirator is not normally required. If vapors are present or irritation is experienced. NIOSH approved respiratory protection for ammoniacal vapors should be worn.

Personal Protective Equipment: General

Eye wash fountain and emergency showers are recommended.

Diethylene Glycol Monobutyl 112-34-5

NIOSH - Health Standards - Exposure Limits reduce exposure to lowest feasible concentration

PHYSICAL & CHEMICAL PROPERTIES

Flash Point (>93.9 °C), >201 F PMCC

Boiling Point (>100 °C), >212 F

Specific Gravity (1.007 g/ml), 8.38 lb/gal

pH Value 11.7

Freezing Point (>0 °C), >32 F

Appearance and Odor

Clear liquid

STABILITY & REACTIVITY

Chemical Stability

Stable under normal conditions.

Conditions to Avoid

Avoid strong oxidizing agents

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Incompatibility

Strong acids, alkalis and oxidizing agents.

Hazardous Decomposition

Upon decomposition, this product may yield oxides of nitrogen and ammonia.

Hazardous Polymerization

Will not occur.

TOXICOLOGICAL INFORMATION

Carcinogenicity

Not listed as carcinogenic according to IARC, NTP or OSHA.

DIETHYLENE GLYCOL MONOBUTYL 112-34-5

NIOSH – Selected LD50s and LC50s

Oral LD50 Rat: 5660 mg/kg; Oral LD50 Mouse: 2400

Mg/kg; Dermal LD50 Rabbit: 2700 mg/kg

ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to fish. Toxic to aquatic organisms.

DISPOSAL CONSIDERATIONS

Disposal Instructions

CONTAINER DISPOSAL: Plastic Containers: Triple rinse (or equivalent). Then Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. For containers 1 gallon or less: Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

PESTICIDE DISPOSAL – Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions Contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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Inventories

This product is considered a pesticide, and is therefore excluded from the United States TSCA Regulations

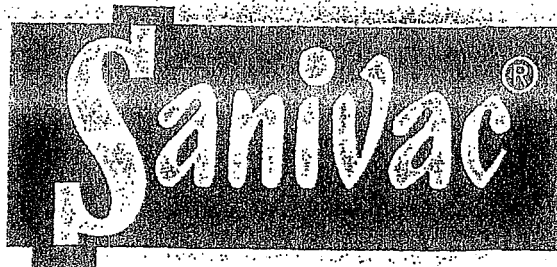
Reportable Quantity (RQ) of this product is 13 pounds based upon Diethylene glycol monobutyl ether (112-34-5) which yielded the lowest resultant RQ according to the following formula: CERCLA ingredient RQ/% of that Ingredient in the product.

OTHER INFORMATION

Disclaimer

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HAZARD RATINGS	HMIS	NFPA
Health	1	1
Flammability	1	1
Reactivity	0	0
PPE	X	



MAGIC

QUAT MRSA (Staph) / TUBERCULOCIDAL HEPATITIS VIRUS / DISINFECTANT CLEANER

MAGIC kills a variety of antibiotic-resistant bacterial activity including Methicillin resistant Staphylococcus aureus (MRSA)

MAGIC is a hospital type quaternary based tuberculocidal disinfectant/cleaner designed to provide intermediate level disinfection.

MAGIC is a highly effective ready-to-use one step quaternary based disinfectant which provides excellent cleaning and disinfection with tuberculocidal, virucidal, fungicidal and mildewstat properties.

MAGIC is effective against HIV-1 (AIDS Virus). This product has been tested and evaluated to an effective virucide in the presence of 5% serum against the virus HIV - 1, (Human Immunodeficiency Virus 1, commonly referred to as " AIDS VIRUS ") on inanimate surfaces.

MAGIC is effective against Hepatitis A Virus (HAV), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV) and Bovine Viral Diarrhea Virus (BVDV) when the treated surface is allowed to remain wet for 5 minutes.

MAGIC is a intermediate level disinfectant. An effective ready-to-use one-step hospital type disinfectant cleaner. **MAGIC's** detergent based cleaner contains chelating agents which, when used in a regular maintenance program, help to break down iron, lime, and calcium deposits.