

Safety Data Sheet Antiseptic Disinfectant

MATERIAL SAFETY DATA SHEET

Section1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Proclean Antiseptic disinfectant
Product Use: Antiseptic.
Manufacturer/Supplier: Middle East Cleaning Co, Al Jazira Al Arabiya Street, Madinat Khalifa South
Phone Number: +974 3355 6693

Section2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CORROSIVE MATERIAL- MAY CAUSE BURNS. CONTENTS UNDER PRESSURE CONTAINER MAY EXPLODE IF HEATED.

Potential Health Effects: See Section11 for more information.

Likely Routes of Exposure: eye contact, inhalation, and ingestion.

Eye: Irritating to eyes. May cause burns.
Skin: Irritating to skin.
Ingestion: Not a normal route of exposure. Harmful: may cause lung damage if swallowed.
Inhalation: May cause respiratory tract irritation. May cause asphyxiation. This product may be aspirated into the lungs and cause chemical pneumonitis.

Chronic Effects: Prolonged or repeated contact may dry skin and cause irritation.

Signs and Symptoms: Symptoms may include discomfort or pain, excess blinking, and tear production, with marked redness and swelling of the conjunctiva. Handling can cause dry skin. Vapors may cause drowsiness and dizziness.

Medical Conditions Aggravated by Exposure: Asthma, Allergies.

Target Organs: Eyes, gastrointestinal tract, respiratory system.

Potential Environmental Effects: May cause long-term adverse effects in the aquatic environment

Section3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS#	Wt.%
Diethyleneglycolmonobutylether	112-34-5	3-7
Isobutane	75-28-5	1-5
o-Phenylphenol	90-43-7	0.1-1

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Section4: FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses if worn. Get medical attention immediately.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

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

Note to Physicians: Symptoms may not appear immediately.

Section5: FIRE FIGHTING MEASURES

Flammability: Not flammable by WHMIS/OSHA criteria.

Means of Extinction:

Suitable Extinguishing Media: Powder, foam, carbon dioxide

Unsuitable Extinguishing Media: Water.

Products of Combustion: May include and are not limited to: oxides of carbon.

Explosion Data:

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Protection of Firefighters: Containers may explode when heated. Keep up wind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Section6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.

Environmental Precautions: Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods for Containment: Contain and/or absorbs spill within earth material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Clean-Up: Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

Other Information: Not available.

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Section7: HANDLING AND STORAGE

Handling:

Keep away from sources of ignition. No smoking. Do not swallow. Do not breathe gas/fumes/vapor/spray. Use only in well-ventilated areas. Handle and open container with care. When using, do not eat or drink. Wash hands before eating, drinking, or smoking.

Storage:

Keep out of the reach of children. Keep container in a well-ventilated place. Do not store at temperatures above 49°C/120F.

Section8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Ingredient	Exposure Limits	
	OSHA-PEL	ACGIH-TLV
DiethyleneglycolmonobutyletherIs	Notavailable.	Notavailable.
obutane	Notavailable.	Notavailable.
o-Phenylphenol	Notavailable.	Notavailable.

Engineering Controls: Use ventilation adequate to keep exposures (air borne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal Protective Equipment:

HMIS: See Section15

Eye/Face Protection: Wear eye/face protection.

Hand Protection: Wear suitable gloves.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

General Hygiene Considerations: Handle according to established industrial hygiene and safety practices.

Section9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear.
Color:	brown .
Odor:	PINE Fresh.
Odor Threshold:	Not available.
Physical State:	Gas/Pressurized Liquid.
pH:	12.5-13.2
Viscosity:	Not available.
Freezing Point:	Not available.
Boiling Point:	Not available.
Flash Point:	Not available.
Evaporation Rate:	Not available.
Lower Flammability Limit:	Not available.
Upper Flammability Limit:	Not available.
Vapor Pressure:	Not available.

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Vapor Density:	Not available.
Specific Gravity:	1.005(Concentrate only)
Solubility in Water:	Complete.
Coefficient of Water/Oil Distribution:	Not available.
Auto-ignition Temperature:	Not available.
Percent Volatile, wt. %:	Not available.
VOC content, wt. %:	4.2 % (US federal/CARB/OTC/LADCO)
VOC content, g/L	Not available.

Section10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn. Keep in a cool place.

Conditions of Reactivity: Heat. Incompatible materials.

Incompatible Materials: Oxidizers.

Hazardous Decomposition Products: May include and are not limited to oxides of carbon.

Possibility of Hazardous Reactions: No dangerous reaction known under conditions of normal use.

Section11: TOXICOLOGY INFORMATION

EFFECTS OF ACUTE EXPOSURE

Component Analysis

Ingredient	LD₅₀(oral)	LC₅₀
DiethyleneglycolmonobutyletherIsobutane	5660mg/kg,rat	Notavailable.
o-Phenylphenol	Notavailable.20	Notavailable.
	00mg/kg,rat	Notavailable.

Eye: Irritating to eyes, may cause burns. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Ingestion: Not a normal route of exposure. Harmful: may cause lung damage if swallowed.

Inhalation: May cause respiratory tract irritation. May cause asphyxiation. This product may be aspirated in to the lungs and cause chemical pneumonitis. Vapors may cause drowsiness and dizziness.

EFFECTS OF CHRONIC EXPOSURE

Target Organs: Not available.

Chronic Effects: Not hazardous by WHMIS/OSHA criteria.

Carcinogenicity: Hazardous by WHMIS/OSHA criteria.

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen*
Diethyleneglycolmonobutylether	Not listed.
Isobutane	Not listed.
O-Phenylphenol	CP65

*See Section 15 for more information.

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Mutagenicity: Not hazardous by WHMIS/OSHA criteria.

Reproductive Effects: Not hazardous by WHMIS/OSHA criteria.

Developmental Effects:

Teratogenicity: Hazardous by WHMIS/OSHA criteria.

Embryo toxicity: Hazardous by WHMIS/OSHA criteria.

Respiratory Sensitization: Not hazardous by WHMIS/OSHA criteria.

Toxicologically Synergistic Materials: Not available.



Section12: ECOLOGICAL INFORMATION

Ecotoxicity: May cause long-term adverse effects in the aquatic environment

Persistence/Degradability: Not available.

Bioaccumulation/Accumulation: Not available.

Mobility in Environment: Not available.

Section13: DISPOSAL CONSIDERATIONS

Disposal Instructions:

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

Section14: TRANSPORTATION INFORMATION

DOT Classification

ORM-D; Limited Quantity

TDG Classification

Limited Quantity

Section15: REGULATORY INFORMATION

WHMIS Classification(s):

Class A-
Compressed Gas
Class D2A-
Carcinogenicity
Class D2A-
Teratogenicity and Embryotoxicity
Class E- Corrosive Material

WHMIS Hazard Symbols:

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- Reasonably anticipated to be carcinogens

Global Inventories

**Ingredient
DSL/NDL
USATSCA**

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

OSHA (O) Occupational Safety and Health Administration.

ACGIH (G) American Conference of Governmental Industrial Hygiene

A1 – Confirmed human carcinogen.

A2 – Suspected human carcinogen.

A3 – Animal carcinogen.

A4 – Not classifiable as a human carcinogen. A5 – Not suspected as a human carcinogen.

IARC (I) International Agency for Research on Cancer.

1 – The agent (mixture) is carcinogenic to humans.

2A- The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

2B- The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.

3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.

4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N) National Toxicology Program.

1 - Known to be carcinogens.

Diethyleneglycolmonobutylether

DSL Yes.

Isobutane

DSL Yes.

o-Phenylphenol

DSL Yes.

HMIS-Hazardous Materials Identification System

Health-3*

Flammability-1

Physical Hazard-0

PPE-B

NFPA-National Fire Protection Association:

Health-3

Fire-1

Reactivity-0

Hazard Rating: 0=minimal, 1=slight, 2=moderate, 3=severe, 4=extreme

1 .

Section 16: OTHER INFORMATION

Disclaimer:

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