



MATERIAL SAFETY DATA SHEET (MSDS)

Germicidal Cleaner

Germicidal Cleaner

Germicides

SECTION I ▶ PRODUCT IDENTIFICATION		
Product Name	Product Type	WHMIS Classification
Germicidal Cleaner	Germicidal Cleaner	A, D1A, D2A, D2B, E

SECTION II ▶ HAZARDOUS INGREDIENTS			
Chemical Name	Cas Registry No.	%	Toxicity
Ethylene Glycol Monobutyl Ether	111-76-2	1-5	LD50 530-2616 mg/kg ORAL-RAT
Diethylene Glycol Ethyl Ether	111-90-0	1-5	LD50 6500 mg/kg ORAL-RAT
Ethylenediamine Tetraacetic Acid	64-02-8	1-5	LD50 >4100 mg/kg
Isobutane	75-28-5	1-5	Not Applicable
Propane	74-98-6	0.1-1.0	Not Applicable

SECTION III ▶ PHYSICAL DATA					
Appearance	Odour	pH	Boiling Point	Specific Gravity	Solubility in Water
Aerosol	Unscented	N/A	100 °C	1.0	100 %

SECTION IV ▶ FIRE AND EXPLOSION HAZARD DATA	
Flash Point (°C): None	Extinguishing media: CO ₂ , dry chemical, foam
Special fire fighting procedures: Use water fog to keep container cool	
Unusual fire and explosion hazards: Contents under pressure. Exposure to temperatures above 50°C may cause the container to explode.	

SECTION V ▶ TOXICOLOGICAL PROPERTIES	
HAZARD RATING: Health = 2 Flammability = 1 Reactivity = 0	Rating System 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
Swallowing: May be harmful	
Inhalation: Irritating to respiratory tract	
Skin Absorption: Frequent contact may be harmful	
Skin Contact: May cause irritation	
Eye Contact: Moderate irritant	
Special Warning: None	

SECTION VI ▶ FIRST AID MEASURES
Ingestion: Do not induce vomiting. Give 1-2 glasses of water. Call a physician immediately.
Inhalation: Remove to fresh air. Apply artificial respiration if necessary. Call a physician immediately.
Skin: Flush with water for 15 minutes. If irritation persists, call a physician.
Eyes: Flush thoroughly with water for at least 15 minutes. Call a physician.

SECTION VII ▶ REACTIVITY DATA
Stable: Yes
Conditions to avoid: Temperatures above 50°C and any sources of ignition.
Incompatibility with other materials: Strong oxidizing agents
Hazardous decomposition products: CO, smoke, hydrocarbon fumes
Hazardous polymerization: Will not occur.

SECTION VIII ▶ PREVENTIVE MEASURES
Hand protection: Yes (for concentrate)
Eye protection: Yes (for concentrate)
Ventilation: General
Respiratory protection: None required for normal use.
Other protective equipment: None
Steps to be taken in case material is released or spilled: Ventilate. Wear protective equipment. Small spills may be wiped. Large spills should be collected on absorbent material for disposal. Remove sources of ignition.
Waste disposal method: Do not puncture or incinerate. Use standard waste disposal methods in accordance with municipal, provincial and federal regulations
Precautions to be taken in handling and storage: Store in a cool, well ventilated area below 50°C.
Other precautions: Follow label use instructions.
UN: 1950 TDG Class: 2.2 (8) Packing Group: Not Applicable
TDG Emergency Telephone Number: 613-996-6666 (COLLECT)

SECTION IX ▶ PREPERATION DATA	
Prepared by: D.R. Dunlop	Last updated: December 1, 2009
Location: Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861	

Germicidal Cleaner

“Ready-to-use germicidal disinfectant and deodorizer in one easy step. Foaming disinfectant. 3 products in one. Our clinging foam provides longer contact time on vertical surfaces to kill herpes, HIV/AIDS virus, staphylococcus, salmonella, influenza and pseudomonas. Safe, non-abrasive, will not damage porcelain, ceramic and enameled surfaces.”

FEATURES AND BENEFITS
Convenient packaging – fast, effective and easy to use
Does not contain C.F.C. – will not harm the ozone layer
Quat formula – ensures broad range of germicidal efficacy; kills Staphylococcus aureus, Salmonella cholera suis, Pseudomonas aeruginosa, Escherichia coli, Trichophyton interdigitale and Mycobacterium tuberculosis.
Bactericidal – kills gram positive and gram negative bacteria
Virucidal – destroys common viruses
Fungicidal – eliminates athlete’s foot fungus
Mildewcidal – destroys odour causing mould and mildew
Pleasant fragrance – leaves disinfected area smelling clean and fresh
DIN 02004313 – registered with Health Canada

WHERE TO USE
Use as a disinfectant in: Hospitals – on inanimate hard surfaces such as dressing carts, hampers, linen carts, wheel chairs, metal springs, toilet seats, telephones, light switches, wash basins, urinals, door knobs, air ducts and other similar germ laden hard surfaces. Food Plants – on inanimate objects in those areas where food is manufactured, prepared or stored.

HOW TO USE
When cleaning food contact areas follow with a thorough rinse of potable water. Cover all food prior to spray cleaning. Hold can 10-20 cm from surface to be cleaned. Spray evenly to cover entire surface. Wipe off in a few seconds with a clean cloth or sponge. For heavy build-up allow product to penetrate and then wipe clean. For use as a hospital disinfectant, cover entire surface completely, wait 10 minutes, then wipe. For use as a food plant disinfectant, spray on pre-cleaned surfaces. Allow foam to wet surface completely. Wait 10 minutes, then wipe.

SPECIFICATIONS
Appearance : aerosol
Fragrance : floral
WHMIS : no
TDG : yes