

Shelco Germicidal

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

HEALTH

FLAMMABILITY

HMIS®

1

REACTIVITY

0

0

PERSONAL PROTECTION

B

Identity (As Used on Label and List) EPA Reg. No. 1839-83-11694
45732, 45701, 45735 Do-It All PLUS

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION I

Manufacturer's Name

ITW Dymon

Emergency Telephone Number

1-800-535-5053

Address (Number, Street, City, State, and ZIP Code)

805 East Old 56 Highway

Telephone Number for Information

1-913-397-9889

Olathe, Kansas 66061

Date Prepared

April 3, 2000

Signature of Preparer (Optional)

Regulatory Dept.

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific

Chemical Identity, Common Name(s))

CAS No.

OSHA PEL

ACGIH-TLV

Other Limits

Recommended

%(Opt.)

* 2-Butoxyethanol (skin designation)

111-76-2

50 ppm

25 ppm

0.5 - 2 %

n-Alkyl dimethyl benzyl ammonium chlorides

68391-01-5

None estab.

None estab.

< 1 %

n-Alkyl dimethyl ethylbenzyl ammonium chlorides

68956-79-6

None estab.

None estab.

< 1 %

* This product contains 2-Butoxyethanol (a glycol ether compound) which is listed and may require reporting under SARA Title III Sec. 313 if used over the threshold reporting quantity. This information must be included in all MSDSs that are copied and distributed for this material.

TSCA: All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION III Physical/Chemical Characteristics

Boiling Point

212° F

Specific Gravity (H₂O = 1)

@70° F

1.034

Vapor Pressure (mm Hg @ 70° F)

Not Applicable

Melting Point

No Data

Vapor Density (AIR = 1)

Greater than one (1)

Evaporation Rate (Ethyl Ether = 1)

No Data

Solubility in Water

Complete

pH

11.0 ± 0.5

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

None to boiling point (PMCC - est.)

Flammable Limits

No Data

LEL

No Data

UEL

No Data

Extinguishing Media - Not usually necessary as this product does not readily support combustion. Use an extinguishing agent applicable to the fire's fuel source (i.e. - carbon dioxide, dry chemical, foam, fog, and water spray).

and public waterways. Wear SCBA in chemical fires.

Unusual Fire and Explosion Hazards - None known

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid - None known
	Stable	X	
Incompatibility (Materials to Avoid) - Strong acids and oxidizers.			
Hazardous Decomposition or Byproducts - Carbon dioxide, carbon monoxide, nitrous oxides, hydrogen chloride, and ammonia.			
Hazardous Polymerization	May Occur		Conditions to Avoid - None known
	Will Not Occur	X	

SECTION VI - Health Hazard Data

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes	Yes

Health Hazards (Acute and Chronic) Warning: Causes eye and skin irritation. Harmful if swallowed. Product may be absorbed through intact skin. May cause irritation to throat and gastrointestinal tract. Use good chemical hygiene practices to avoid these hazards.

Carcinogenicity: None known.	NTP? No	IARC Monographs? No	OSHA Regulated? No
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Signs and Symptoms of Exposure - Redness, tearing, burning of eyes. Redness, drying, cracking of skin. Nausea, vomiting or diarrhea. Irritation of nose or throat.

Medical Conditions Generally Aggravated by Exposure - Pre-existing skin and lung disorders may be aggravated by prolonged or repeated occupational overexposures.

Emergency and First Aid Procedures **Eyes** - Flush with plenty of water for at least 15 minutes. Call a physician.

Ingestion - If swallowed, drink egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician. **Inhalation** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.

Skin - Flush with plenty of water for at least 15 minutes. Remove and wash all contaminated clothing before reuse.

SECTION VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled - Caution: Slip hazard. Small Spill - Pick up on absorbent. Large spill - Isolate traffic and ventilate area. Wear protective gear as necessary. Dike to prevent spread. Prevent run-off from entering sewers or public waterways. Vacuum or pick up on absorbent. Put in suitable container.

Waste Disposal Method - Consult local, state, and federal regulations. Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Open dumping is prohibited. Do not reuse container. Triple rinse (or equivalent). The 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.

Precautions to be Taken in Handling and Storing - Do not get in eyes, skin or on clothing. When using spray applicator, direct spray away from face. Wash thoroughly after handling. Do not swallow. Avoid inhaling mist or vapors.

Other Precautions - Follow label directions carefully. Keep out of reach of children. Keep containers tightly sealed when not in use. Store containers indoors and in a dry area. Keep from freezing. Use from original container only. Do not contaminate water, food or feed by use or storage.

SECTION VIII - Control Measures**Respiratory Protection (Specify Type)**

Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

Ventilation	Local Exhaust	Acceptable	Special	None
	Mechanical (General)	Yes	Other	None

Protective Gloves - As necessary to avoid contact with product. Use impervious type.

Eye Protection -

Yes, approved glasses or goggles. (ANSI Z87)

Other Protective Clothing or Equipment - Not usually necessary. If direct contact possible, use apron, boots, etc. For HIV disinfection procedures, follow label instructions carefully.

WARNING: The use of this product beyond the control of the manufacturer, therefore, no guarantee, expressed or implied, is made as to the effects of such use on the user or the environment. The user must assume all responsibility, including injury or damage, resulting from its use or its combination with other materials. The manufacturer warrants only that the product meets the manufacturer's specifications for each product. NO WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVITY, OR ANY OTHER MATTER OF THE PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE PROPER USE OF THE PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.