

Shelco Germicidal

# Material Safety Data Sheet

HMIS®

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

HEALTH

1

REACTIVITY

0

FLAMMABILITY

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 (H<sub>2</sub>O = 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**

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

**SECTION VI - Health Hazard Data**

<b>Route(s) of Entry</b>	<b>Eyes?</b>	<b>Inhalation?</b>	<b>Skin?</b>	<b>Ingestion?</b>
	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.

<b>Carcinogenicity:</b> None known.	<b>NTP?</b> No	<b>IARC Monographs?</b> No	<b>OSHA Regulated?</b> 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.

<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Acceptable</b>	<b>Special</b>	<b>None</b>
	<b>Mechanical (General)</b>	Yes	<b>Other</b>	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 health of the user or on 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 contract 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.