

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

3

REACTIVITY

0

FLAMMABILITY

0

PERSONAL PROTECTION

B

Identity (As Used on Label and List) EPA Reg. No. 1839-79-11694

35601, 35605, 35694, 35635, 35655

Do-It All Detergent/Disinfectant Concentrate

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.)
n-Alkyl dimethyl benzyl ammonium chlorides	68391-01-5	None	None		1 - 5 %
n-Alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	None	None		1 - 5 %

This product is not known to contain any compound in concentrations requiring reporting under SARA Title III Section 313.

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 Initial	212° F	Specific Gravity (H₂O = 1) @70° F	1.04
Vapor Pressure (mm-Hg @ 70° F)	No Data	Melting Point	No Data
Vapor Density (AIR = 1)	No Data	Evaporation Rate (Butyl Acetate = 1)	No Data
Solubility in Water	Complete	pH	11.3 ± 0.5

Appearance and Odor -

Clear colorless liquid with a lemon scent.

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used) None to boiling point (TCC-est.)	Flammable Limits No Data	LEL No Data	UEL No Data
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Extinguishing Media -

Not usually necessary as this product does not readily support combustion. Use media appropriate for fuel source.

Special Fire Fighting Procedures -

Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear SCBA in chemical fires.

Unusual Fire and Explosion Hazards -

None known.

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid - Extreme heat or cold (temperatures under 50° F or over 120°F)
	Stable	X	

Incompatibility (Materials to Avoid) -
Strong acids and oxidizers.

Hazardous Decomposition or Byproducts -
Carbon dioxide, carbon monoxide, oxides of nitrogen.

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	No	Yes	Yes

Health Hazards (Acute and Chronic) -

Danger. Corrosive. Causes severe eye and skin damage. Harmful or fatal if swallowed. Repeated or prolonged direct skin contact may cause dermatitis. Follow good chemical hygiene practices when using this and other disinfectant/cleaners.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None known	No	No	No

Signs and Symptoms of Exposure - Redness, tearing or burning in eyes. Redness, burning, general irritation or slick feeling on skin. Irritation of throat or stomach if swallowed.

Medical Conditions Generally Aggravated by Exposure -
Pre-existing skin conditions may be adversely affected.

Emergency and First Aid Procedures: **Eyes** - Immediately flush with plenty of water for at least 15 minutes (lifting eyelids to insure complete removal). Call a physician. **Ingestion** - Drink egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately. **Inhalation** - Not a likely exposure route. If necessary, 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 contaminated clothing. **Note to physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled - Caution, slip hazard. If small spill, wipe up with cloth or other absorbant material. For large spills, isolate area and ventilate. Wear protective gear as necessary. Dike to prevent spread. Do not allow concentrate to enter drains or sewers. Pick up on absorbant material or vacuum up. Put in suitable container for proper disposal.

Waste Disposal Method - Container disposal - Do not reuse empty container. Triple rinse empty container with water. Plastic containers may be disposed of in a sanitary landfill, incinerated or if allowed by local authorities, by burning. If burned stay out of smoke. **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.

Precautions to be Taken in Handling and Storing - Do not get in eyes, on skin or on clothing. Do not swallow. Wash thoroughly after handling. Use with adequate ventilation. Do not contaminate water, food, or feed by storage or disposal.

Other Precautions - Follow label directions carefully. Keep out of reach of children. Keep container tightly sealed when not in use. Store in a dry location at temperatures between 50° F and 120°F. Avoid contamination of food.

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	Not usually needed	Special	None
	Mechanical (General)	Yes	Other	None

Protective Gloves - Yes, rubber

Eye Protection - Yes, goggles or face shield

Other Protective Clothing or Equipment - Not usually necessary. If direct contact possible wear apron, boots, etc. as required.

Work/Hygienic Practices - Normal. Wash hands after use and before eating, drinking, smoking, using restrooms, etc.

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE PROPER USE OF THIS 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.