

# 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

2

PERSONAL PROTECTION

NONE

Identity (As Used on Label and List)

90901, 90985 HAND SANITIZER SCRUBS®

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

May 1, 2002

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.)
Alcohol	64-17-5	1000 ppm	1000 ppm		10-30 %

This product is not known to contain any compound listed and in quantities 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	190° F	Specific Gravity (H <sub>2</sub> O = 1) @70° F	0.957
Vapor Pressure (mm-Hg @ 70° F)	No Data	Melting Point	No Data
Vapor Density (AIR = 1)	Greater than one(1)	Evaporation Rate (Butyl Acetate = 1)	No Data
Solubility in Water	Complete	pH	6.0± 0.5
Appearance and Odor - Colorless translucent liquid with an alcohol - floral scent towel.	VOC's--This product contains 194 grams per liter or 20.5 % by weight VOC's.		

## SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
107° F (TCC)	No Data	No Data	No Data

### Extinguishing Media -

Use carbon dioxide, dry chemical, foam or fog. Do not use water as it may froth and cause the fire to spread.

### 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 -

Combustible liquid on a polypropylene towel.

**SECTION V - Reactivity Data**

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b> - Do not use near open flame, sparks, static electricity, welding arcs, etc. Do not smoke while using.
	<b>Stable</b>	X	

**Incompatibility (Materials to Avoid) -**

Strong oxidizing agents such as acetyl chloride, nitric acid, and hydrogen peroxide.

**Hazardous Decomposition or Byproducts -**

Carbon dioxide, carbon monoxide, formaldehyde, nitrous oxides, ammoniacal vapors, smoke, soot and various organic oxidation by-products.

<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>Yes</b>	<b>Inhalation?</b>	<b>Yes</b>	<b>Skin?</b>	<b>No</b>	<b>Ingestion?</b>	<b>No</b>
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**Health Hazards (Acute and Chronic) - WARNING.** Causes eye irritation. Maybe harmful if swallowed. Prolonged skin exposure may lead to dermatitis. Deliberate concentration and inhalation of vapors may cause central nervous system effects. Follow good chemical hygiene practices to avoid these hazards.

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

**Signs and Symptoms of Exposure -**

Redness, tearing or burning in eyes. Redness, drying or cracking skin. Swallowing may cause nausea, diarrhea, drowsiness, dizziness, fatigue, or loss of coordination.

**Medical Conditions Generally Aggravated by Exposure -**

Pre-existing skin or gastrointestinal disorders may be adversely affected. Follow good chemical hygiene practices to avoid these hazards.

**Emergency and First Aid Procedures: - Eyes -** Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. See a physician immediately. **Ingestion -** Call a physician or poison control center. Not a likely route of overexposure.

**Inhalation -** Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin -** Wash with soap and water. If irritation persists, call physician.

**SECTION VII - Precautions for Safe Handling and Use**

**Steps to be Taken in Case Material is Released or Spilled - CAUTION.** Slip hazard. Wipe up small spills promptly. For large spills, isolate area. Dike area to prevent spreading. Stay upwind. Eliminate ignition sources. Pick up on absorbent material. Put in suitable container

**Waste Disposal Method -**

Consult local, state, and federal regulations. Triple rinse empty container then offer for recycling, reuse, or reconditioning.

**Precautions to be Taken in Handling and Storing -**

Do not get in eyes. Do not swallow. Avoid prolonged skin contact. Keep containers tightly sealed when not in use. Store indoors in a dry area. Keep from freezing. Use from original container only. Do not store with fertilizers, seeds, insecticides or fungicides.

**Other Precautions -** Follow label directions carefully. Keep out of reach of children. Keep container tightly sealed when not in use. Do not contaminate water, food or feed by use or storage. Do not smoke while using.

**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>	Not usually needed	<b>Special</b>	None
	<b>Mechanical (General)</b>	Yes	<b>Other</b>	None

**Protective Gloves -**

Not usually necessary. Only for packaging.

**Eye Protection -**

Not usually necessary. Avoid direct contact.

**Other Protective Clothing or Equipment -**

Not usually needed. For prolonged contact wear any necessary protective gear.

**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 IMPROPER 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.