

# 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.

## HMIS®

<b>HEALTH</b>	<b>1</b>	<b>REACTIVITY</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>1</b>	<b>PERSONAL PROTECTION</b>	<b>None</b>

**Identity** (As Used on Label and List)  
**90530 Inside & Out 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

<b>Manufacturer's Name</b> ITW Dymon	<b>Emergency Telephone Number</b> 1-800-535-5053
<b>Address (Number, Street, City, State, and ZIP Code)</b> 805 East Old 56 Highway	<b>Telephone Number for Information</b> 1-913-397-9889
Olathe, Kansas 66061	<b>Date Prepared</b> May 1, 2002
	<b>Signature of Preparer (Optional)</b> Regulatory Dept.

### SECTION II - Hazardous Ingredients/Identity Information

<b>Hazardous Components (Specific Chemical Identity, Common Name(s))</b>	<b>CAS No.</b>	<b>OSHA PEL</b>	<b>ACGIH-TLV</b>	<b>Other Limits Recommended</b>	<b>% (Opt.)</b>
Methoxyisopropanol	107-98-2	100 ppm	100 ppm	STEL 150 ppm	1 - 5 %
Propylene Glycol	57-55-6	Not estab.	Not estab.		1 - 5 %

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

<b>Boiling Point</b> Liquid phase	212° F	<b>Specific Gravity (H<sub>2</sub>O = 1)</b> @70° F	1.00
<b>Vapor Pressure (mm-Hg @ 70° F)</b>	No Data	<b>Melting Point</b>	No Data
<b>Vapor Density (AIR = 1)</b>	Greater than one (1)	<b>Evaporation Rate (Butyl Acetate = 1)</b>	No Data
<b>Solubility in Water</b>	Dispersible	<b>pH</b>	7.0 ± 0.5
<b>Appearance and Odor</b> - Thin, white opaque liquid with minimal scent saturated onto towels.	<b>VOC's</b> --This product contains 30 grams per liter or 3% by weight VOC's.		

### SECTION IV - Fire and Explosion Hazard Data

<b>Flash Point (Method Used)</b> > 141° F (TCC)	<b>Flammable Limits</b> No Data	<b>LEL</b> No Data	<b>UEL</b> No Data
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#### Extinguishing Media -

Not usually necessary as this product does not support combustion. Use media appropriate for fire's 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. If plastic material is ignited, it is difficult to extinguish.

**SECTION V - Reactivity Data**

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b> - Do not use near open flame. Keep from freezing.
	<b>Stable</b>	X	

**Incompatibility (Materials to Avoid) -**

Strong acids and bases, strong oxidizers, lime, ammonia, organic amines, chlorates, chlorine, sodium hydroxide.

**Hazardous Decomposition or Byproducts** - Carbon dioxide, carbon monoxide, sulfur dioxide, silicone dioxide, hydrogen sulfide, formaldehyde (>300° F), 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>Inhalation?</b>	<b>Skin?</b>	<b>Ingestion?</b>
	Yes	No	Yes	No

**Health Hazards (Acute and Chronic)** - Warning. Direct eye contact with towel causes eye abrasion and irritation. May be harmful if swallowed. May cause skin irritation. Repeated or prolonged occupational overexposures may cause dermatitis, central nervous system effects, kidney effects or Painter's Syndrome.

<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. Irritation of the throat or stomach, nausea, vomiting, and diarrhea if swallowed. Overexposure to vapors (unlikely) may cause central nervous system effects such as drowsiness, dizziness, fatigue or loss of coordination.

**Medical Conditions Generally Aggravated by Exposure -**

Pre-existing skin conditions such as dermatitis may be adversely affected by this and other oil and grease effective cleaners. Persons with pre-existing liver and kidney conditions should follow good chemical hygiene practices to avoid complications.

**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** - Not a likely exposure route. If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center immediately. **Inhalation** - Unlikely route as liquid is impregnated on a towel, minimizing exposure via this route. **Skin** - Flush with plenty of water for at least 15 minutes to insure complete removal. See a physician if irritation arises and persists.

**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 releases with a dry absorbent cloth. For large releases, prevent material from entering sewers or drains. Ventilate area and block traffic. Pick up and put in suitable container for proper disposal. Clean any slippery residues with soap and water.

**Waste Disposal Method -**

Consult local, state, and federal regulations. Discard empty container or offer for recycling or reuse.

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

Do not allow towel contact with eyes. Wash thoroughly after handling. Avoid swallowing. Avoid contact with skin and clothing. Avoid inhaling vapors. Use with adequate ventilation. Do not smoke while using.

**Other Precautions** - Follow label directions carefully. Keep away from heat sources. 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. Keep from freezing.

**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>	Acceptable	<b>Other</b>	None

**Protective Gloves** - Not usually necessary. If repeated or prolonged contact is possible, wear impervious gloves.

**Eye Protection** -  
Not necessary

**Other Protective Clothing or Equipment** - Not usually necessary. If prolonged direct contact is possible, wear apron, boots, face shield, goggles, safety glasses, etc. as needed.

**Work/Hygienic Practices -**

Normal. Wash hands 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.