

# 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

HMIS<sup>a</sup>

2

REACTIVITY

0

FLAMMABILITY

2

PERSONAL PROTECTION

B

**Identity** (As Used on Label and List)

90201, 90218, 90236 Metal Polishing 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> December 29, 2004
	<b>Signature of Preparer (Optional)</b> 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.)
C10-13 Isoparaffin	68551-17-7	Not estab.	Not estab.	400 ppm (Manu.)	15 - 40 %
Alumina	1344-28-1	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>		10 - 30 %
Ammonia	1336-21-6	50 ppm	25 ppm	STEL35 ppm	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, initial	212 ° F	<b>Specific Gravity (H<sub>2</sub>O = 1)</b> Liquid phase @70 ° F	1.104
<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>	9.5 ± 0.5
<b>Appearance and Odor</b> - Opaque cream colored liquid with an ammonia-like odor saturated onto towels.		<b>VOC's</b> --This product contains 331.4 grams per liter or 30% by weight VOC's.	

## SECTION IV - Fire and Explosion Hazard Data

<b>Flash Point (Method Used)</b> Greater than 143° F (Towel, TCC)	<b>Flammable Limits</b> No Data	<b>LEL</b> No Data	<b>UEL</b> No Data
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### Extinguishing Media -

Use carbon dioxide, dry chemical, foam, fog or water spray. Treat as an oil fire.

### 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 -

Liquid is combustible. May cause polypropylene cloth to burn at higher temperature.

**SECTION V - Reactivity Data**

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

**Incompatibility (Materials to Avoid) -**

Strong oxidizers and acids, halogens, dimethyl sulfate, bleaching agents, fluorine, iodine and amphoteric metals.

**Hazardous Decomposition or Byproducts** - Carbon dioxide, carbon monoxide, hydrogen, ammonia, amines, nitrogen and oxides, oxides of sulfur, 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	Yes	Yes	Yes

**Health Hazards (Acute and Chronic)** - Warning. Contains petroleum distillates. May be harmful or fatal if swallowed. Causes eye irritation or burns. Combustible material. May cause skin irritation. May be harmful if inhaled.

<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 or burning in eyes. Irritation of the throat or stomach, nausea, vomiting, and diarrhea if swallowed. Excessive inhalation of vapors may cause irritation of the nose, throat and respiratory tract.

**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. Pre-existing respiratory and eye 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. Get medical attention immediately. **INGESTION** - Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. **INHALATION** - Remove to fresh air. **SKIN** - Wash thoroughly with soap and water. Get medical attention if irritation develops 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. Eliminate all ignition sources such as pilot lights, heat, sparks and open flames. Ventilate area and block traffic. Wear protective gear as needed. Pick up and put in suitable container for proper disposal.

**Waste Disposal Method** - Consult local, state, and federal regulations. Discard used towelette and packaging or offer for recycling.

**Precautions to be Taken in Handling and Storing** - Do not swallow. Wash thoroughly after handling. Do not use around ignition sources such as heat, sparks, open flame, static electricity, welding arcs, etc. Do not get in eyes. Avoid inhaling vapors and dusts. Avoid contact with skin and clothing. Launder contaminated clothing before reuse.

**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 smoke while using. 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>	Not usually needed	<b>Special</b>	None
	<b>Mechanical (General)</b>	Acceptable	<b>Other</b>	None

**Protective Gloves -**

Only for prolonged use.

**Eye Protection -**

Yes, goggles or approved safety glasses.

**Other Protective Clothing or Equipment -**

Not usually necessary. If direct contact is possible, wear apron, boots, face shield, etc. as necessary.

**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.