

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

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

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

December 4, 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.)

C10-13 Isoparaffin

68551-17-7

Not estab.

Not estab.

400 ppm (Manu.)

15 - 40 %

Alumina

1344-28-1

5 mg/m³

10 mg/m³

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

Boiling Point

Liquid phase, initial

212 ° F

Specific Gravity (H₂O = 1)

Liquid phase @70 ° F

1.02

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

Dispersible

pH

9.5 ± 0.5

Appearance and Odor - Opaque cream colored liquid with an ammonia-like odor saturated onto towels.

VOC's--This product contains 355.5 grams per liter or 35.5% by weight VOC's.

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

Greater than 143° F (Towel, TCC)

Flammable Limits

No Data

LEL

No Data

UEL

No Data

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

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

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	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.

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

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.

Ventilation	Local Exhaust	Not usually needed	Special	None
	Mechanical (General)	Acceptable	Other	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: User must assume all responsibility, including injury or damage.

AS TO 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 OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.

DESCRIPTION, QUALITY.