

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

3

REACTIVITY

0

FLAMMABILITY

0

PERSONAL PROTECTION

A

Identity (As Used on Label and List)

A-079

Stainless Steel Cleaner

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

January 1, 1999

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.)

Isobutane

75-28-5

800 ppm

800 ppm

Propane

74-98-6

1000 ppm

Asphyxiant

Odorless mineral spirits (exposure as mist)

64742-88-7

5 mg/m³

5 mg/m³

This product is not known to contain any of the chemicals listed for reporting and present in concentrations requiring reporting under SARA Title III Sec. 313. Reference 40 CFR 372.

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

Concentrate

212° F

Specific Gravity (H₂O = 1)

Concentrate

0.845

Pressure (psig. @ 70° F)

37 ± 5

Melting Point

No Data

Vapor Density (AIR = 1)

Greater than
one (1)

Evaporation Rate (Butyl Acetate = 1)

No Data

Solubility in Water

Soluble

pH

7 ± 0.5

Appearance and Odor

White opaque lotion-like liquid with a lemon-lime scent in an aerosol can.

SECTION IV - Fire and Explosion Hazard Data

USA Flame Projection Test (ASTM D-3065)

0", No flashback; Not flammable

Flammable Limits

No Data

LEL

No Data

UEL

No Data

Extinguishing Media -

Treat as an oil fire. Use carbon dioxide, dry chemical, foam.

Special Fire Fighting Procedures - Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses. Wear self-contained breathing apparatus in chemical fires.

Unusual Fire and Explosion Hazards -

Aerosol container (pressurized) may burst if heated over 120° F.

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid - Extreme heat, direct sunlight, and open flame
	Stable	X	

Incompatibility (Materials to Avoid) -

Strong acids and alkalis, oxidizers and selected amines.

Hazardous Decomposition or Byproducts -

Carbon monoxide, carbon dioxide, 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) - Danger. Harmful or fatal if swallowed. Contains petroleum distillates. May cause eye and skin irritation. May be harmful if inhaled. Aspiration hazard if swallowed. Central nervous system effects if used without adequate ventilation. Use good chemical hygiene practices to avoid these hazards.

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

Signs and Symptoms of Exposure - Red, burning, irritated eyes. Cracked or dried skin. Dizziness, drowsiness, nausea or loss of coordination. Irritation of nose and throat.

Medical Conditions Generally Aggravated by Exposure -

Pre-existing lung or skin disorders.

Emergency and First Aid Procedures: - Eyes - Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get immediate medical attention. Ingestion - Do not induce vomiting. Call a physician or poison control center immediately. Inhalation - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. Skin - Wash with soap and water. If irritation arises and persists seek medical attention.

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 with a towel or other absorbant material. For large spills, isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Isolate and ventilate area. Wear appropriate protective equipment. For reuse vacuum up. Pick up with absorbent material. Place in suitable container for proper disposal.

Waste Disposal Method - Consult local, state and federal regulations. Do not puncture or incinerate container. Replace cap on empty can, wrap, then discard container if allowed by applicable statutes.

Precautions to be Taken in Handling and Storing - Do not swallow. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid inhaling mist and vapors. Use with adequate ventilation. Store in a cool (under 120° F) dry location away from heat, sparks, open flame, and direct sunlight. Direct spray away from face.

Other Precautions - Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Replace cap when not in use. Do not use around ignition sources such as heat, sparks, open flame, etc.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type) - Not usually necessary. Use with adequate ventilation. If PELs or TLVs are exceeded (see Section II), use an approved NIOSH/MSHA respirator.

Ventilation	Local Exhaust	Not necessary	Special	None
	Mechanical (General) -	Yes	Other	None

Protective Gloves -

Yes. Impervious if contact possible.

Eye Protection -

Yes (approved safety glasses (Z87) or goggles)

Other Protective Clothing or Equipment -

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

Work/Hygienic Practices -

Normal. Wash thoroughly 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 (or agent of inventory) 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.