

# 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**

**0**

**PERSONAL PROTECTION**

**A**

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

**34520**

**Orange Natural Citrus 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 66106

**Date Prepared**

July 19, 2001

**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

5 -10 %

Propane

74-98-6

1000 ppm

Asphyxiant

1 - 5 %

C10-13 Isoparaffin (exposure as mist)

68551-17-7

5 mg/m<sup>3</sup>

5 mg/m<sup>3</sup>

10 - 30 %

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.

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**

Concentrate

212 ° F

**Specific Gravity (H<sub>2</sub>O = 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 citrus scent in an aerosol can.

## SECTION IV - Fire and Explosion Hazard Data

**USA Flame Projection Test (ASTM D-3065)**

Nonflammable, 0" extension

**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.

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**Unusual Fire and Explosion Hazards -**

Aerosol container (pressurized) may burst if heated over 120° F. Combustible contents may float on water.

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**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 alkalies, oxidizers, and selected amines.

**Hazardous Decomposition or Byproducts -**

Carbon monoxide, carbon dioxide, smoke and soot.

Hazardous Polymerization	May Occur		Conditions to Avoid - None known
	Will Not Occur	X	

**SECTION VI - Health Hazard Data**

Route(s) of Entry	Eyes? Yes	Inhalation? Yes	Skin? Yes	Ingestion? Yes
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**Health Hazards (Acute and Chronic) -**

Caution. May cause eye and skin irritation. May be harmful if inhaled or swallowed. Central nervous system effects if used without adequate ventilation. Aspiration hazard. Use good chemical hygiene practices to avoid these hazards.

Carcinogenicity: None known	NTP? No	IARC Monographs? No	OSHA Regulated? No
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**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. Follow good chemical hygiene practices.

**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** - 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. For disposal, pick up with absorbent material. Place in suitable container.

**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** - Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid inhaling mist or vapors. Do not swallow. Store in a cool (under 120 °F) dry location away from heat, sparks, open flame, and direct sunlight.

**Other Precautions** - Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Direct spray away from face. 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 needed use face shield, boots, apron, etc. to avoid 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 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.