

Material Safety Data Sheet



HEALTH
FLAMMABILITY

HMIS®

3 REACTIVITY 1
1 PERSONAL PROTECTION B

Identity: Orange Natural Citrus Foaming Oven Cleaner
Formula: A344
Part number: 34420

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 1: Company Identification

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 Olathe, Kansas 66061	International Emergency Telephone Number 1-352-323-3500
	Telephone Number for Information 1-913-397-9889
	Signature of Preparer (Optional) Regulatory Dept.

SECTION 2: Ingredients/Identity Information

Components (Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	% (Opt.)
Water	7732-18-5	None	None		60 – 100%
Potassium hydroxide	1310-58-3	None	None	2 mg/m ³ (Ceiling)	7 – 13%
Butoxydiglycol	112-34-5	None	None		3 – 7%
Isobutane	75-28-5	800 ppm	800 ppm		3 – 7%
D'limonene (R-p-mentha-1,8-diene)	5989-27-5	None	None	30 ppm (Manu.)	1 – 5%
Propane	74-98-6	1000 ppm	2500 ppm		0.5 - 1.5%

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 3: Hazards Identification

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes	Yes

Acute Health Hazards - Danger: Corrosive (Contains Potassium hydroxide). May be harmful or fatal if swallowed. Causes burns to eyes and skin with direct contact. May cause respiratory tract irritation. Use proper chemical hygiene to avoid these hazards.

Chronic Health Hazards - None known

Carcinogenicity:

Chemical:	OSHA:	NTP:	IARC:
None	No	No	No

Signs and Symptoms of Exposure - Burning or tearing in eyes. Irritation of nose and throat. Redness, irritation or slick feeling on skin. Nausea, loss of coordination, fatigue may occur from excessive inhalation of fumes.

Medical Conditions Generally Aggravated by Exposure - Pre-existing skin and lung disorders (i.e. - asthma) can be effected by prolonged or repeated occupational overexposure.

SECTION 4: Emergency and First Aid Procedures:

Eyes - Immediately flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get immediate medical attention.

Ingestion - Call a physician or poison control center immediately. DO NOT induce vomiting unless directed by a physician. Rinse out mouth with water. If conscious, give large quantities of water and seek immediate medical attention. Never give anything by mouth to an unconscious person.

Inhalation - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.

Skin - Flush with plenty of water for at least 15 minutes. If irritation arises and persists, seek medical attention.

SECTION 5: Fire Fighting Measures

USA Flame Projection Test – 0" (Extinguishes flame) Non-flammable	Flammable Limits No Data	LEL No Data	UEL No Data
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Extinguishing Media - Not usually necessary as this product does not readily support combustion. Use extinguishing agent suitable to 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.

Hazardous Products of Combustion- Carbon dioxide, carbon monoxide, oxides of silicon and nitrogen, and hydrogen.

Unusual Fire and Explosion Hazards - Aerosol container (pressurized) may burst if heated over 120^o F. Corrosive contents.

SECTION 6: Accidental Release Measures

Small Spill - Wipe up small releases with a dry absorbent cloth or other absorbent material.

Large Spill – Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers or drains. Ventilate area and block traffic. Transfer contaminated material into suitable container for proper disposal.

SECTION 7: Handling and Storage

Handling - Do not get in eyes, on skin or clothing. Do not swallow. Do not inhale mist or vapors. Do not deliberately concentrate and inhale vapors. Launder contaminated clothing before reuse. Direct spray away from face. Do not use in or around ignition sources such as heat, sparks, open flame, etc.

Storage – Follow label directions carefully. Keep out of reach of children. Store in a cool (under 120^o F) dry location away from heat, sparks, open flame, and direct sunlight. Replace cap when not in use.

SECTION 8: Exposure Controls / Personal Protection

Eye Protection – Yes, safety glasses or goggles (ANSI Z87).

Skin Protection – Yes, impervious.

Respiratory Protections – Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

Engineering Controls – Ventilation not usually necessary but should be provided in the event of overexposure.

SECTION 9: Physical and Chemical Properties

Appearance and Odor:	Viscous tan liquid with a citrus scent in an aerosol can.
PH	13.5 ± 0.5
Specific Gravity (70°F)	1.040
Boiling Point:	212 ^o F
Melting Point:	No Data
Evaporation Rate (Butyl Acetate = 1)	No Data
Pressure (psig. @ 70°F)	60 ± 10
Vapor Density (AIR = 1)	>1
Solubility in Water	Complete
Volatile Organic Compounds (VOCs)	78.5 grams per liter or 7.9% by weight VOCs

SECTION 10: Stability and Reactivity

Hazardous Polymerization – This product will not undergo hazardous polymerization.

Hazardous Decomposition or Byproducts – Carbon dioxide, carbon monoxide, oxides of silicon and nitrogen, and hydrogen.

Chemical Stability - Stable

Incompatibility (Materials to Avoid) - Strong acids, reducing and oxidizing agents; acrylonitrile, chlorinated hydrocarbons, chlorine dioxide, maleic anhydride, nitroethane, nitroparaffins, 2-nitrophenol, nitropropane, phosphorus, potassium persulfate, tetrahydrofuran and hydroxyl compounds.

SECTION 11: Toxicological Information

No Data

SECTION 12: Ecological Information

No Data

SECTION 13: Disposal Consideration

Disposal Method - Dispose of in accordance with all applicable local, state, and federal regulations.

RCRA Waste Information – If this product becomes a waste, it would be a hazardous waste (D002) as defined by RCRA (40 CFR 261). However the waste should be properly characterized to evaluate whether its composition has been modified prior to disposal.

SECTION 14: Transport Information

DOT Information – 49 CFR 172.101

Proper Shipping Description: Consumer Commodity

Hazard Class: ORM-D

Identification Number: None

Packing Group: None

Water Transportation:

Proper Shipping Description: Aerosols

Hazard Class: 2

Identification Number: UN 1950

Packing Group: None

Air Transportation:

Proper Shipping Description: Forbidden in all aircraft.

Hazard Class: N/A

Identification Number: N/A

Packing Group: N/A

Marine Pollutants: None

SECTION 15: Regulatory Information

US Federal Regulations:

TSCA (Toxic Substances Control Act) Status

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

CERCLA RQ – 40 CFR 302.4 (a)

None Listed

SARA 313 Components – 40 CFR 372.65

Butoxydiglycol (CAS: 112-34-5) – 4.75%

State and Local Regulations:

California Proposition 65

WARNING: This product contains trace chemicals (Ethylene Oxide and Propylene Oxide) known to the State of California to cause cancer, and/or birth defects or other reproductive harm.

Section 16: Additional Information

Date Prepared:

Rev. 2 – 08/31/06

Rev. 1 - 04/04/06

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.
