

Material Safety Data Sheet



HEALTH

FLAMMABILITY

HMIS®

1

REACTIVITY

0

0

PERSONAL PROTECTION

A

Identity: CLEAR REFLECTIONS® Glass Cleaner

Formula: A385

Part numbers: 38516, 38520

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

International Emergency Telephone Number

1-352-323-3500

Olathe, Kansas 66061

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.)

Alcohol

64-17-5

1000 ppm

1000 ppm

1 – 5%

Isobutane

75-28-5

800 ppm

800 ppm

1 – 5%

2-Butoxyethanol

111-76-2

50 ppm-skin

25 ppm-skin

0.5 – 1.5%

Propane

74-98-6

1000 ppm

2500 ppm

< 1%

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?

Yes

Inhalation?

Yes

Skin?

Yes

Ingestion?

No

Acute Health Hazards - Warning: Causes eye irritation. May cause skin irritation. May be absorbed through intact skin. May cause central nervous system effects. Contents under pressure. Use good chemical hygiene practices to avoid these hazards.

Chronic Health Hazards - None known

Carcinogenicity:

Chemical:

None

OSHA:

No

NTP:

No

IARC:

No

Signs and Symptoms of Exposure - Redness, tearing, burning in eyes. Redness, drying, cracking of skin. Drowsiness, dizziness, loss of coordination, vomiting and abdominal pain if ingested.

Medical Conditions Generally Aggravated by Exposure - Pre-existing skin and lung disorders may be aggravated by prolonged or repeated occupational overexposure.

SECTION 4: 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 - If conscious, drink plenty of water. Call a physician or poison control center immediately. Do not induce vomiting unless directed by a physician. Product contains less than 0.1 per cent methanol.

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, call a physician.

SECTION 5: Fire Fighting Measures

USA Flame Projection Test (ASTM D-3065)

0", no flashback, non-flammable

Flammable Limits

No Data

LEL

No Data

UEL

No Data

Extinguishing Media - Use carbon dioxide, dry chemical, or foam.

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, various hydrocarbons, hydrogen sulfide, sulfur dioxide, and soot.

Unusual Fire and Explosion Hazards - Aerosol container (pressurized) may burst if heated over 120° F.

SECTION 6: Accidental Release Measures

Small Spill – Caution, slip hazard. Wipe up small releases with a dry absorbent cloth or other absorbent material.

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

SECTION 7: Handling and Storage

Handling - Direct spray away from face. Replace cap when not in use. Do not use around ignition sources such as heat, sparks, open flame, etc. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid inhaling mist. Do not deliberately concentrate and inhale vapors. Use with adequate ventilation.

Storage – Follow label directions carefully. Keep out of reach of children. Store in a cool (under 120° F) dry location away from heat, sparks, open flame, and direct sunlight.

SECTION 8: Exposure Controls / Personal Protection

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

Skin Protection – Not usually necessary.

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:	Clear colorless liquid with a fresh floral scent in an aerosol can.
PH	10.3 ± 0.5
Specific Gravity (70°F)	0.993
Boiling Point:	212° F
Melting Point:	No Data
Evaporation Rate (Butyl Acetate = 1)	No Data
Pressure (psig. @ 70° F)	60 ± 5
Vapor Density (AIR = 1)	> 1
Solubility in Water	Complete
Volatile Organic Compounds (VOCs)	71.2 grams per liter or 7.38% 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, and various hydrocarbons.

Chemical Stability - Stable

Incompatibility (Materials to Avoid) - Strong oxidizers and alkalis.

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 not be a hazardous waste 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: Aerosols, non-flammable

Hazard Class: 2.2

Identification Number: UN 1950

Packing Group: None

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

2-Butoxyethanol (CAS# 111-76-2) – 1.9%

State and Local Regulations:

California Proposition 65

None

Section 16: Additional Information

Date Prepared:

Rev. 4: 02-01-08

Rev. 3: 09-01-06

Rev. 2: 10-31-05

Rev. 1: 12-29-04

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.