

DYM 98591

Material Safety Data Sheet

TW Dymon

HEALTH

FLAMMABILITY

HMIS®

1

REACTIVITY

0

0

PERSONAL PROTECTION

None

Identity: CLEAR REFLECTIONS® Glass & Surface Wipes or
SCRUBS® Glass Cleaner Towel
Formula: B985
Part numbers: 98501, 98510, 98556, 98570, 98591

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.)

Water

7732-18-5

None

None

80 - 100%

2-Butoxyethanol

111-76-2

50 ppm

20 ppm

1 - 5%

Isopropyl Alcohol

67-63-0

400 ppm

200 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?**

Yes

Inhalation?

No

Skin?

Yes

Ingestion?

No

Acute Health Hazards - Towel contact with eyes may cause irritation. Product may be absorbed through intact skin. Do not use for personal hygiene or as a baby wipe.

Chronic Health Hazards - None known

Carcinogenicity:**Chemical:**

None

OSHA:

No

NTP:

No

IARC:

No

Signs and Symptoms of Exposure - Redness, tearing or burning in eyes.

Medical Conditions Generally Aggravated by Exposure - Pre-existing skin and renal conditions could be aggravated by overexposures.

SECTION 4: Emergency and First Aid Procedures:

Eyes - Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. See a physician if irritation arises or persists.

Ingestion - Not a likely exposure route. If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center immediately.

Inhalation - Unlikely route as liquid is impregnated on a towel, minimizing exposure via this route. If overexposed move into fresh air. If symptoms develop seek medical attention.

Skin - If irritation arises and persists, call a physician.

SECTION 5: Fire Fighting Measures**Flash Point, Concentrate (Method Used)**

None to boiling point (PMCC)

Flammable Limits

No Data

LEL

No Data

UEL

No Data

Extinguishing Media - - Not usually necessary as this product does not readily support combustion. Use extinguishing agent appropriate for fire's fuel source. (i.e. - Carbon dioxide, foam, dry chemical.)

Special Fire Fighting Procedures - Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear self-contained breathing apparatus (SCBA) in chemical fires.

Hazardous Products of Combustion- Carbon dioxide, carbon monoxide, smoke and soot.
Unusual Fire and Explosion Hazards - None known.

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 - 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 allow towel contact with eyes. Wash thoroughly after handling.
Storage - Follow label directions carefully. Keep out of reach of children. Store in a cool well ventilated area. Keep container tightly sealed when not in use. Do not contaminate water, food or feed by use or storage.

SECTION 8: Exposure Controls / Personal Protection

Eye Protection - Not usually necessary.
Skin Protection - Not usually necessary. If prolonged use is necessary use impervious gloves.
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 alcohol - floral scent saturated on a towel.
PH	4.4 ± 0.5
Specific Gravity (70°F)	0.998
Boiling Point:	212° F
Melting Point:	No Data
Evaporation Rate (Butyl Acetate = 1)	No Data
Vapor Pressure (mm-Hg @ 70°F)	No Data
Vapor Density (AIR = 1)	>1
Solubility in Water	Complete
Volatile Organic Compounds (VOCs)	39.83 grams per liter or 3.99% 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, smoke and soot.
Chemical Stability - Stable
Incompatibility (Materials to Avoid) - Strong oxidizers.

SECTION 11: Toxicological Information

2-Butoxyethanol: Oral LD50: 470 - 3000 mg/kg, rat
Skin LD50: 220 mg/kg, rabbit
Inhalation LC50: 700 ppm/7H, rat

SECTION 12: Ecological Information

2-Butoxyethanol: Fathead minnow LC50: 1900 mg/L
Daphnia magna EC50: 2500 mg/L
Senastrum capricornutum EC50: >1000 mg/L

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: Not Regulated

Hazard Class: None

Identification Number: None

Packing Group: None

Water Transportation:

Proper Shipping Description: Not Regulated

Hazard Class: None

Identification Number: None

Packing Group: None

Air Transportation:

Proper Shipping Description: Not Regulated

Hazard Class: None

Identification Number: None

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) - 2.99%

State and Local Regulations:

California Proposition 65

None

Section 16: Additional Information

Date Prepared:

Rev. 3 - 02/01/08

Rev. 2 - 09/05/06

Rev. 1 - 04/11/06

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.
