

Material Safety Data Sheet



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-TLW	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?	Inhalation?	Skin?	Ingestion?
	Yes	No	Yes	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
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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
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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.
