

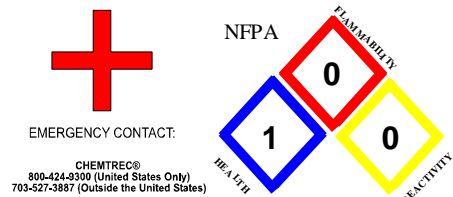


Disclean

CATIONIC OPTICAL SUBSTRATE CLEANER

Document ID: DSCM2902

Disclean



NFPA Hazard Rating

4 – Extreme
3 – High
2 – Moderate
1 – Slight
0 – Insignificant

NOT RESTRICTED

It is hereby certified by the shipper that the contents of this package are not restricted for land, air or sea transport and contain no substances categorized as Dangerous Goods by IATA/ICAO, US DOT, IMDG, or other known regulatory bodies and government agencies.

CHEMICAL, LIQUID, NON-HAZARDOUS

NOT RESTRICTED

SECTION 1----MANUFACTURER AND ADDRESS

Manufacturer: DisChem, Inc.

Address: 17295 Boot Jack Rd, Suite A, Ridgway, PA 15853 USA

Emergency Telephone Number: CHEMTREK: (800) 424 - 9300 (United States Only)

(703) 527 - 3887 (Outside the United States)

Web Site: www.discheminc.com

EMERGENCY PHONE NO:

(800) 424 - 9300 (United States Only)

(703) 527 - 3887 (Outside the United States)

SECTION II---CHEMICAL AND PHYSICAL PROPERTIES

<u>Ingredient Name</u>	<u>Approx. %</u>	<u>CAS #</u>
Organic Acid Mixture	< 0.9%	N/A
Cationic Surfactant (Proprietary)	> 10%	N/A

BOILING POINT: 100°C

VAPOR PRESSURE: Not Determined

VAPOR DENSITY: Not Determined

WATER SOLUBILITY: 100%

SPECIFIC GRAVITY: 1.133

EVAPORATION RATE: Approx. 1

COLOR: None

APPEARANCE: Clear Liquid

ODOR: None

pH: 2 - 4

FLASH POINT: Non flammable

% VOLATILITY: 98%

STABILITY: Stable

INCOMPATIBILITY: Strong bases, reducing agents, organic solvents, ammonia, hydrochloric acid, excessive heat (340°C).

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic fumes of NO_x and CO_x emitted when heated to decomposition (340°C).

HAZARDOUS POLYMERIZATION PRODUCTS: None known

CONDITIONS TO AVOID: Incompatible materials and conditions

SECTION III--FIRE AND EXPLOSION DATA

FLASH POINT: Nonflammable

FLAMMABLE LIMITS: Not applicable

EXTINGUISHING MEDIA: Dry chemical, Carbon Dioxide

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SPECIAL FIRE EXTINGUISHING INSTRUCTIONS: Fire fighters should wear self contained breathing apparatus with full face piece operated in pressure demand or positive pressure mode. Use full turnout gear.

SECTION IV---HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Skin, eyes, inhalation, swallowing

CARCINOGENICITY: No ingredients contained in this product are listed as carcinogens by IARC, NTP, or OSHA.

CHRONIC EXPOSURE: Exposure to skin may cause irritation or burn. Inhalation of vapors or mists may cause upper respiratory tract irritation. Ingestion may cause inflammation of mucous membranes, nausea, vomiting, unconsciousness, convulsions, neural disturbances, renal damage, and death in severe cases.

ACUTE TOXICOLOGY: Not established for product

GENERAL FIRST AID

EYE CONTACT: Flush eyes with flowing water for 15 minutes. Seek medical attention.

SKIN CONTACT: Immediately remove contaminated clothing and flush skin with flowing water for 15 minutes. If burns occur, cover with sterile dressing. Seek medical attention.

INHALATION: Remove to fresh air. Give oxygen if breathing is difficult. If not breathing, give artificial respiration. Seek medical attention immediately.

INGESTION: If victim is conscious, give large amounts of milk. Never give liquids to an unconscious victim. Do NOT induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration. Seek medical attention immediately.

SECTION V---SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear NIOSHA approved respirator where exposure concentrations exceed the specified limits.

SKIN PROTECTION: Chemical resistant gloves should be worn.

EYE PROTECTION: Safety goggles should be used with this and any other chemical that may cause eye injury.

VENTILATION: Provide ventilation which is sufficient to maintain airborne concentrations below the specified exposure limits. Wear NIOSHA approved respiratory where exposure concentration exceed the specified limits.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: Chemical resistant gloves, eye protection.

HYGIENIC WORK PRACTICES: Do not eat, drink or smoke while using this product. Proper hygienic precautions should be observed to prevent ingestion or injury. Keep work area clean and always wear appropriate protective equipment when handling product.

SECTION VI---HANDLING OF SPILLS OR LEAKS

SPILL OR RELEASE HANDLING: In case of accidental spill or release, isolate contaminated area. Wear protective equipment including chemical resistant boots, gloves, apron, and goggles. Contain spill and gradually neutralize to a pH of 7.0 with lime or soda ash. After neutralizing, absorb spill with vermiculite or other inorganic absorbent. Place residues in DOT approved container. Do not allow spill to run into drain sewers.

WASTE DISPOSAL METHOD: Dispose of product in accordance with local, state and federal regulations.

PRECAUTIONS FOR HANDLING AND STORAGE: Do not swallow. Avoid eye contact. Wash thoroughly after handling. Avoid contact with clothing; if contact occurs, remove and wash before reuse. Keep away from food products. Keep out of reach of children. Store in tightly closed containers away from incompatible materials when not in use. Protective clothing including face shield and chemical resistant apron and gloves should be worn when mixing product. Caution should be taken to avoid splashing. Protect product from freezing. Store away from incompatible materials.

NFPA RATING (National Fire Protection Association)

HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 0
SPECIAL: None

HMIS RATING (Hazardous Material Identification System)

HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 0
PERSONAL PROTECTION: B (Safety glasses, gloves)

0-Minimal, 1-Slight, 2-Moderate, 3-Serious, 4-Severe

SECTION VII---SPECIAL PRECAUTIONS**Precautions to be taken in Handling and Storage:**

Wear protective clothing and equipment while handling.
Store in a cool, dry area.
Wash thoroughly after handling.

SECTION VIII---TRANSPORTATION DATA

DOT PROPER SHIPPING NAME: Not Regulated
DOT HAZARD CLASS: N/A
UN IDENTIFICATION NO.: N/A
PACKAGE GROUP: N/A
DOT REPORTABLE QUANTITY: N/A
TRANSPORT LABEL / NOTES: Not Regulated. Chemicals, N.O.S.
HS#: 3402.12.5000
EXPORT DESCRIPTION: Cationic organic surface active agent. Chemicals, non-hazardous.

SECTION IX---ENVIRONMENTAL/SAFETY REGULATIONS

Section 313 (Title III Superfund Amendment and Reauthorization Act): This product contains the following toxic chemical subject to reporting under Section 313 of SARA Act of 1986 and 40 CFR Part 372:

None

All chemical ingredients of this product are listed in the EPA TSCA Inventory (40 CFR 710)

COMMENTS: Do not swallow. Avoid eye and skin contact. Wash thoroughly after handling. Avoid contact with clothing. Wash clothing before reuse. Keep from feed or food products. Keep out of reach of children. Keep containers tightly closed when not in use. Discard contaminated shoes.

Date Prepared: February 2009

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