

DynaSol, Inc.
330 Pine Street
Canton, MA 02021
781-821-8888

SAFETY INFORMATION
HEALTH 1
FLAMMABILITY 0
REACTIVITY 0

MATERIAL SAFETY DATA SHEET

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DYNACLEAR

SECTION I PRODUCT IDENTIFICATION

Product Trade Name: DynaClear

Manufactured By: DynaSol, Inc.

Effective Date: 2007

Formula: Blend

Chemical Emergency Response Number: Info-Trac 800-535-5053

SECTION II INGREDIENT INFORMATION

Ingredient	Approx. Wt%	Exposure limit/toxicity
Ethylene Glycol n-butyl ether (CAS 111-76-2) PA,NJ,MA,SARA	1-3	25ppm ACGIH/OSHA TWA skin LD50: 560-3000 mg/kg (oral-rat) LC50:500 ppm (inhalation-rat) 4 hours
Isopropanol (CAS # 67-63-0)	5-10	400 ppm OSHA/ACGIH TWA, 500 ppm OSHA/AACGIH STEL LD50> 1720 mg/kg (oral-rat) LC50: 2000ppm
Water (CAS # 7732-18-5)	85-95	Not established

SECTION III HEALTH HAZARDS IDENTIFICATION

Route(s) of Entry:.....Eye contact. Skin Contact.

Effects of Acute Exposure:

Eye: May cause: Moderate eye irritation.

Skin: Prolonged or repeated contact may cause: Mild skin irritation drying/ defatting of skin.

Inhalation: None known.

Ingestion: None known.

Medical Conditions: None known.

Generally recognized as being aggravated by exposure.

SECTION IV FIRST AID MEASURES

EYE CONTACT: Flush immediately with water for 20 minutes. If irritation persists, get medical attention.

SKIN CONTACT: Wash contaminated area with water and soap. If irritation persists, get medical attention.

INHALATION: Remove to fresh air.

INGESTION: Drink 1-2 glasses of water or milk. Do not administer anything by to an unconscious person. Do not induce vomiting! Seek immediate medical attention.

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SECTION V FIRE AND EXPLOSION INFORMATION

Flash Point:

Flammable limits: Not applicable.

Auto Ignition temperature: Not applicable.

Extinguishing Media: Foam, CO₂, Dry Chemical, water fog.

Special Fire fighting Procedures: Normal fire fighting procedure may be used. Fire fighters should wear self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: Container may burst in heat of fire.

SECTION VI PREVENTIVE MEASURES

INDUSTRIAL HYGIENE IN THE WORKPLACE

Respiratory Protection: No special requirements under normal use conditions.

Ventilation: General room ventilation adequate.

Protective Gloves: No special requirements under normal use conditions.

Eye Protection: No special requirements under normal use conditions.

Other Protective Equipment: If major exposure is possible to eyes/skin, wear/use appropriate protective equipment.

SECTION VII STORAGE AND HANDLING PROCEDURES

Precautions To Be Taken In Handling And Storage: Store at 40 degrees F to 90 degrees F. This product is for Industrial Use only. Keep away from Fire and Heat (Any ignition source). Keep containers closed when not in use. Provide adequate ventilation.

Steps To Be Taken In Case Material is Released or Spilled: Halt spill at source and contain or dike spill with inert absorbent material. Transfer liquid to containers for recovery or disposal. Shovel absorbent into drums for disposal in accordance with local, state, and federal regulations.

Recommended Waste Disposal Methods: Material should not be flushed into sewer system. If this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor is listed in Subpart D. After the material has been collected, dispose of in accordance with all regulations applicable to non-hazardous liquid wastes.

SECTION VIII PHYSICAL AND CHEMICAL PROPERTIES

COLOR: Blue

PRODUCT STATE: Liquid

ODOR: light solvent

SOLUBILITY IN WATER: Complete

SPECIFIC GRAVITY: 0.996 (H₂O=1)

VAPOR DENSITY: (AIR=1) Same as water.

EVAPORATION RATE: Not available.

VAPOR PRESSURE: (mm HG) Same as water.

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SECTION VIII CONT'D

BOILING POINT: Not available.
FREEZING POINT: Not available.
% VOLATILE BY VOLUME: Not available.
VOLATILE ORGANIC COMPOUND: Not available.

SECTION IX STABILITY AND REACTIVITY DATA

Stability: Stable
Conditions to Avoid: No special requirements
Incompatibility: No special requirements.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: Produces normal products of combustion.

SECTION X TOXICOLOGY INFORMATION

EFFECTS OF CHRONIC EXPOSURE: None known.

SECTION XI ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not available.

SECTION XII TRANSPORTATION INFORMATION

US DOT INFORMATION: Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

SECTION XIII REGULATORY INFORMATION

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act TSCA Chemical Substance Inventory.

SECTION XIV USER'S RESPONSIBILITY

DynaSol, Inc. cannot anticipate all conditions of handling and use of this product. Therefore, **DynaSol, Inc.** accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information obtained herein as a guide. **DynaSol, Inc.** will accept no liability for damage or loss incurred from the improper handling and use of this product.
For chemical emergency, Call INFOTRAC 1-800-535-5053 24 hours per day, 7 days per week.

Prepared by: Manufacturer's Technical Support Department.
7/18/96