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FIRST AID MEASURES

First Aid

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye. Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment and advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment and advice.

FIRE FIGHTING MEASURES

Flammable Properties

Flash Point : 79 F (26 C)
Autoignition : 545 F (341 C) ASTM E-659
Flammable limits in Air, % by Volume
LEL : 1.5 %
UEL : 10.6 %

Method: Tag Cup

Flammable.

Extinguishing Media

Foam, Dry Chemical, CO2.

Fire Fighting Instructions

Wear self-contained breathing apparatus (SCBA) and full protective equipment.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

DuPont (TM) Broad Spectrum Disinfectant Solution and Wipes
CD0011 Revised 30-MAR-2003

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont Chemical Solutions Enterprise
1007 Market Street
Wilmington, DE 19898

PHONE NUMBERS

Product Information : 1-800-441-7515 (outside the U.S.
302-774-1000)
Transport Emergency : CHEMTREC 1-800-424-9300 (outside U.S.
703-527-3887)
Medical Emergency : 1-800-441-3637 (outside the U.S.
302-774-1000)

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
Isopropyl Alcohol (Isopropanol)	67-63-0	70
Propylene Glycol	57-55-6	6-12
Water	7732-18-5	

HAZARDS IDENTIFICATION

Potential Health Effects

Inhalation may cause irritation of the nose and throat with sneezing, sore throat or runny nose. Inhalation or skin absorption may also cause headache, nausea, or dizziness. Direct eye contact or eye contact with vapor or aerosol may cause tearing, pain or blurred vision.

Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

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Safety & Environmental Health
Print Date: 10-22-2003

(Applicable Exposure Limits - Continued)

PEL (OSHA) : None Established
 TLV (ACGIH) : None Established
 AEL * (DuPont) : None Established
 WRBL (AIHA) : 50 ppm, total; 10 mg/m³, aerosol only
 (8 hr TWA)

* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

 PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Boiling Point : 175 F (79 C)
 Vapor Pressure : 39.5 mm Hg
 Vapor Density : 1.1 (Air=1.0)
 Freezing Point : -16.6 F (-27.0 C)
 % Volatiles : 100 %
 Evaporation Rate : 2.5 (Butyl Acetate=1.0)
 pH : 5-7
 Specific Gravity : 0.853 @ 20 degrees C
 Odor : citrus, Alcohol.

 STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Incompatibility with Other Materials

None reasonably foreseeable.

Decomposition

Decomposition will not occur.

Polymerization

Polymerization will not occur.

 DISPOSAL CONSIDERATIONS

Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

(ACCIDENTAL RELEASE MEASURES - Continued)

Initial Containment

Eliminate all potential ignition sources until area of spill has been properly ventilated and cleaned. Small spills may be flushed with water. For larger spills, soak up excess liquid with sand, oil dry or other noncombustible absorbent material, then flush area with water.

Accidental Release Measures

There are no special clean-up or disposal requirements for household/institutional spills of this product. For industrial spills, follow standard procedures.

 HANDLING AND STORAGE

Handling (Personnel)

Avoid inhalation. Avoid contact with eyes, skin or clothing.

Wash thoroughly with soap and water after handling.

Handling (Physical Aspects)

Keep away from heat, sparks and open flames.

 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

HOUSEHOLD/INSTITUTIONAL CLEANING USE: General room ventilation is normally adequate; for sensitive skin or repeated/prolonged contact, wear gloves.

INDUSTRIAL/BULK HANDLING: Use with adequate ventilation; use splash protection to avoid eye contact; for sensitive skin or repeated/prolonged contact, wear gloves; wear NIOSH approved respiratory protection as appropriate.

Exposure Guidelines

Applicable Exposure Limits

Isopropyl Alcohol (Isopropanol)

PEL (OSHA) : 400 ppm, 500 mg/m³, 8 Hr. TWA
 TLV (ACGIH) : 300 ppm, 8 Hr. TWA, A4
 STEL 400 ppm
 AEL * (DuPont) : 400 ppm, 8 & 12 Hr. TWA

Propylene Glycol

(DISPOSAL CONSIDERATIONS - Continued)

Used wipes can be disposed of in household trash.

For industrial waste: EPA Hazardous Waste Number D001
(Ignitable Waste).

TRANSPORTATION INFORMATION

Shipping Information

DOT/IMO/IATA
Proper Shipping Name : Flammable Liquid, N.O.S. (Isopropanol)
Hazard Class : 3
UN No. : 1993
Packing Group : III
Label(s) : Flammable Liquid

This material can be shipped by air. The limit is 60 liters
per package for passenger aircraft and 220 liters per
package for cargo aircraft.

OTHER INFORMATION

NFPA, NPCA-NHHS

NPCA-NHHS Rating
Health : 2
Flammability : 3
Reactivity : 0

Personal Protection rating to be supplied by user depending on use
conditions.

The data in this Material Safety Data Sheet relates only to the
specific material designated herein and does not relate to use in
combination with any other material or in any process.

Responsible for MSDS : MSDS Coordinator
> : DuPont Clean & Disinfect
Address : Wilmington, DE 19898
Telephone : (800) 441-7515

Indicates updated section.

This information is based upon technical information believed to be
reliable. It is subject to revision as additional knowledge and
experience is gained.

End of MSDS

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