



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

DuPont
Material Safety Data Sheet

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F350 DuPont(TM) Iodine Disinfectant
Revised 16-SEP-2011

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont Chemicals Solutions Enterprise
1007 Market Street
Wilmington, DE 19898

PHONE NUMBERS

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

COMPOSITION/INFORMATION ON INGREDIENTS

Components

| Material | CAS Number | % |
|--|------------|---|
| Phosphoric Acid | 7664-38-2 | |
| | 11096-42-7 | |
| Nonylphenoxy Polyethoxy Ethanol-Iodine Complex | | |

HAZARDS IDENTIFICATION

Potential Health Effects

Inhalation of vapor or mist may cause irritation of the nose and throat with sneezing, sore throat, coughing, or runny nose.

Skin contact may cause skin irritation.

Eye contact may cause severe eye irritation.
Repeated/prolonged exposures may cause eye damage.

Product is moderately toxic by ingestion. Ingestion may cause irritation to gastrointestinal tract.
Repeated/prolonged exposures may cause damage to throat and esophagus.

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.

FIRST AID MEASURES

First Aid

INHALATION: None required under normal use conditions.

INGESTION: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

EYE CONTACT: 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 eye.

SKIN CONTACT: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

Notes to Physicians

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

FIRE FIGHTING MEASURES

Flammable Properties

Not a fire or explosion hazard.

Extinguishing Media

Use media appropriate for surrounding material.

Fire Fighting Instructions

Evacuate personnel to a safe area. 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.

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

(ACCIDENTAL RELEASE MEASURES - Continued)

Initial Containment

Dike spill. Prevent material from entering sewers, waterways, or low areas.

Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material. Shovel or sweep up.

HANDLING AND STORAGE

Handling (Personnel)

Avoid inhalation. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Wash clothing after use.

Handling (Physical Aspects)

Keep container tightly closed.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Use only with adequate ventilation.

Personal Protective Equipment

EYE/FACE PROTECTION

Wear safety glasses. Where splash potential exists, wear chemical splash goggles.

RESPIRATORS

Wear NIOSH approved respiratory protection, as appropriate.

PROTECTIVE CLOTHING

Where there is potential for skin contact have available and wear as appropriate impervious gloves, apron, pants and jacket.

Exposure Guidelines

Applicable Exposure Limits

| | |
|-----------------|---|
| Phosphoric Acid | |
| PEL (OSHA) | : 1 mg/m ³ , 8 Hr. TWA |
| TLV (ACGIH) | : 1 mg/m ³ , STEL 3 mg/m ³ , 8 Hr. TWA |
| AEL * (DuPont) | : 1 mg/m ³ , 8 & 12 Hr. TWA 3 mg/m ³ , 15 minute 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: | >100 C (>212 F) |
| % Volatile: | >65% |
| Solubility in Water: | Complete |
| Odor: | Halogen |
| Form: | Liquid |
| Color: | Dark Amber |
| Specific Gravity: | 1.125 |
| Density: | 1.125 |

STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Incompatibility with Other Materials

Incompatible with alkalines and reducing agents.

Decomposition

Decomposes with heat.

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. Discarded material is a RCRA Hazardous Waste.

Material should not be disposed of in ways that could lead to material ending up in waterways.

TRANSPORTATION INFORMATION

Shipping Information

DOT

For 1 gal and 5 L package:

Proper Shipping Name,: Consumer Commodity
Hazard Clas,,: ORM-D
UN Number,,: N/A
Packing Group,,: N/A
Label,,: None

For 5 gal and 55 gal package:

Proper Shipping Name,: Disinfectant Liquid, Corrosive,
N.O.S. (Phosphoric Acid)
Hazard Clas,,: 8
UN Number,,: 1903
Packing Group,,: III
Label,,: Corrosive

IMO

Proper Shipping Name,: Disinfectant Liquid, Corrosive,
N.O.S. (Phosphoric Acid)
Hazard Clas,,: 8
UN Number,,: 1903
Packing Group,,: III
Label,,: Corrosive

For 1 gal and 5 L add: Limited Quantity

IATA

Proper Shipping Name,: Disinfectant Liquid, Corrosive,
N.O.S. (Phosphoric Acid)
Hazard Clas,,: 8
UN Number,,: 1903
Packing Group,,: III
Label,,: Corrosive-----
REGULATORY INFORMATION

U.S. Federal Regulations

Discarded material is a RCRA Hazardous Waste.

OTHER INFORMATION

NFPA, NPCA-HMIS

NPCA-HMIS Rating
Health : 2
Flammability : 0
Reactivity : 0

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

Additional Information

EPA Reg. Number: 71654-15

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 Chemical Solutions Enterprise
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