

## **DOWFROST (R) HEAT TRANSFER FLUID, 23545**

### **MSDS Number**

BBPJL

### **National Stock Number**

6850-00F004035

### **Product Name**

DOWFROST (R) HEAT TRANSFER FLUID, 23545

### **Manufacturer**

DOW CHEMICAL U S A

### **Product Identification**

Product ID:DOWFROST (R) HEAT TRANSFER FLUID, 23545

MSDS Date:01/01/1987

FSC:6850

NIIN:00F004035

MSDS Number: BBPJL

### **Responsible Party**

DOW CHEMICAL U.S.A./MIDLAND, MI 48674

Emergency Phone: (517) 636-4400

Cage: 96717

### **Contractor**

DOW CHEMICAL CO

MIDLAND, MI 48674

US

800-258-2436

Cage: 96717

### **Ingredients**

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight:

PROPYLENE GLYCOL

CAS: 57-55-6

RTECS: TY2000000

Fraction By Weight: 95%

DIPOTASSIUM PHOSPHATE

Fraction By Weight:

### **Hazards**

Effects of Overexposure:EYE: IRRITATION. SKIN CONTACT: ESSENTIALLY  
NONIRRITATING TO SKIN ON PROLONGED CONTACT.

### **First Aid**

First Aid:EYES: IRRIGATE IMMEDIATELY W/WATER FOR AT LEAST 5 MINUTES.  
SKIN: WASH OFF IN FLOWING WATER OR SHOWER. INGESTION: INDUCE  
VOMITING IF LARGE AMOUNTS ARE INGESTED. CONSULT PHYSICIAN.

INHALATION: REMOVE TO FRESH AIR IF EFFECTS OCCUR. CONSULT PHYSICIAN.

## Fire Fighting

Flash Point:215F COC  
Lower Limits:2.6%  
Upper Limits:12.5  
Extinguishing Media:WATER FOG, ALCOHOL FOAM, DRY CHEMICAL  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:NONE

## Accidental Release

Spill Release Procedures:COVER WITH ABSORBENT MATERIAL, SOAK UP AND SWEEP INTO BAG.

## Handling

Handling and Storage Precautions:EXERCISE REASONABLE CARE AND CAUTION.

## Exposure Controls

Respiratory Protection:NO RESPIRATORY PROTECTION SHOULD BE NEEDED.  
Ventilation:GOOD GENERAL VENTILATION SUFFICIENT  
Protective Gloves:RUBBER  
Eye Protection:SAFETY GLASSES  
Supplemental Safety and Health  
MSDS DATED: 16 OCT 1985.

## Chemical Properties

Boiling Pt:B.P. Text:370F  
Vapor Pres:0.2  
Vapor Density:2.62  
Spec Gravity:1.050  
Solubility in Water:COMPLETE  
Appearance and Odor:COLORLESS, ODORLESS LIQUID.

## Stability

Stability Indicator/Materials to Avoid:YES  
OXIDIZING MATERIAL  
Stability Condition to Avoid:STABLE OVER NORMAL OPERATING TEMP RANGE OF -30F TO 250F.  
Hazardous Decomposition Products:NONE

## Disposal

Waste Disposal Methods:INCINERATE OR BURY AWAY FROM WATER SUPPLIES IN ACCORDANCE WITH LOCAL REGULATIONS.

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