

**CHEMSPEC®**

**Chemical Specialties Manufacturing Corporation**

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**MATERIAL SAFETY DATA SHEET**

(Prepared according to 29 CFR 1910.1200)

Degree of hazard: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant

|              |   |
|--------------|---|
| Health       | 1 |
| Flammability | 0 |
| Reactivity   | 0 |

**SECTION I: PRODUCT IDENTIFICATION**

**PRODUCT NAME:** DFC 30

**EMERGENCY 24-HOUR TELEPHONE #** 1-800-424-9300 (CHEMTREC)

N/A = Not applicable or Not available.

**DATE REVIEWED:** April 8, 2005

N/D = Not determined.

**SECTION II: COMPOSITION/ INFORMATION ON INGREDIENTS**

This product has not been tested as a whole for health effects on animals or humans. According to the OSHA Hazardous Communications Standard (29 CFR 1910.1200) any hazardous ingredients that comprise >1.0% of the material and any carcinogenic ingredients that comprise >0.1% must be listed on the MSDS. When individually tested at 100% ingredients in the make-up of this product posed the following health hazards.

**SECTION II a: HAZARDOUS INGREDIENTS >1.0%**

None.

**SECTION II b: CARCINOGENIC INGREDIENTS AT >0.1%**

None.

**SECTION III: HAZARDS IDENTIFICATION**

|              |                                |
|--------------|--------------------------------|
| <b>EYES:</b> | May cause mild eye irritation. |
| <b>SKIN:</b> | None expected.                 |

#### **SECTION IV: FIRST AID PROCEDURES**

EYES: Flush with water.  
INGESTION: Drink 1 to 2 glasses of water. Consult physician.

#### **SECTION V: FIRE AND EXPLOSION DATA**

FLASH POINT: N/A  
AUTO-IGNITION TEMPERATURE: N/D  
EXPLOSIVE LIMITS - UEL: N/D LEL: N/D  
EXTINGUISHING MEDIA: Alcohol foam, water fog, CO<sub>2</sub> or dry chemical.  
SPECIAL FIRE FIGHTING PROCEDURES: Use NIOSH/MSHA approved self-contained positive pressure breathing apparatus and protective clothing where this material is involved in a fire.  
UNUSUAL FIRE AND EXPLOSION HAZARD: None known.

#### **SECTION VI: ACCIDENTAL RELEASE MEASURES**

Scoop up spilled material and re-use if possible. If material cannot be used dispose in landfill.

#### **SECTION VII: HANDLING AND STORAGE**

No special precautions required.

#### **SECTION VIII: PROTECTION MEASURES**

VENTILATION: Local exhaust or dilution ventilation is necessary in poorly ventilated areas.  
GLOVES: Not required.  
RESPIRATORY: Not required  
EYE: Safety glasses.  
OTHER PROTECTIVE EQUIPMENT: Not required.

#### **SECTION IX: PHYSICAL/CHEMICAL DATA**

APPEARANCE AND ODOR: Clear thick colorless liquid with no fragrance added.  
WATER SOLUBILITY, % BY WT: Complete  
% VOLATILE BY WT.: ~70  
pH(as supplied): 3.5-4.5

#### **SECTION X: REACTIVITY DATA**

STABILITY: Stable  
HAZARDOUS POLYMERIZATION: Will not occur.  
INCOMPATIBILITY: Strong Acids  
HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS: Possibly oxides of carbon.

#### **SECTION XI: TOXICOLOGICAL INFORMATION OF INGREDIENTS**

Calculated Oral LD50 > 3000mg/kg.

## **SECTION XII: ECOLOGICAL INFORMATION**

Biodegradability:  
Not done.

## **SECTION XIII: SPILL, LEAK AND DISPOSAL PROCEDURES**

WASTE DISPOSAL: In accordance with Federal, state and local regulations.  
NEUTRALIZING CHEMICALS: Water.

## **SECTION XIV: TRANSPORT INFORMATION PER 49 CFR 172.101**

**GROUND TRANSPORTATION:**  
None required.

**AIR TRANSPORTATION:**  
None required.

**MARITIME TRANSPORTATION:**  
None required.

## **SECTION XV: REGULATORY INFORMATION**

**Domestic:**

TSCA: All ingredients are listed on the TSCA chemical substance inventory.  
SARA Section 313 Ingredients: None.  
California Prop 65 Ingredients: None.  
VOC Content: <0.05%.

**International:**

European:  
Not dangerous for supply.

Canadian:  
Not regulated.

## **SECTION XVI: OTHER INFORMATION**

One should always use chemicals with awareness of potential hazards, known and unknown, and their effect on the human system. We urge users to minimize employee exposure to all chemicals, including this product and to keep the level of exposure commensurate with good industrial hygiene practices.

### **DISCLAIMER OF LIABILITY**

The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material and the results to be obtained from the use thereof.