

# MSDS Document

## Product DF 5000

### 1. Chemical Product and Company Identification

**Trade Name of this Product** DF 5000

**MSDS ID** QL6040

**Manufacturer**

Jl Holcomb  
600 Corporate Woods Parkway  
Vernon Hills, IL 60061

**Contact Name**

Corporate Compliance Team

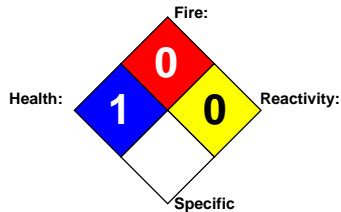
**Phone Number**

(847) 955-1501

**Emergency Phone**

(888) 426-4851

**Revision Date** 02/12/2003



### 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
BIODEGRADABLE NONIONIC DETERGENT	9016-45-9	30-35 %	ND	ND	ND
PROPYLENE GLYCOL	57-55-6	1-5 %		ND	ND
BACTERIA COMPLEX	68920-42-3	> 3 %		ND	ND
WATER	7732-18-5	> 3 %	ND	NE	NE

### 3. Hazard Identification

**Route Of Entry**

Skin Contact Inhalation Ingestion Eyes

**Effects Of Overexposure**

SKIN CONTACT: May cause irritation. EYE CONTACT: May cause irritation. INHALATION: Prolonged and repeated inhalation may be harmful to respiratory system. INGESTION: Causes nausea, cramps, vomiting, and diarrhea.

### 4. First Aid Information

**Skin**

Wash with soap and water.

**Ingestion**

If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Eye**

Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**Inhalation**

Remove to fresh air.

**5. Fire Fighting Measures**

**Flash Point** N/A  
**FP Method** N/A

**Extinguishing Media**

Foam Carbon Dioxide Dry Chemical Water Fog

**Unusual Fire And Explosion Hazards**

Containers may burst due to steam pressure.

**Special Fire Fighting Procedures**

Fire fighters should wear proper protective clothing and self contained breathing apparatus.

**6. Accidental Release Measures****Accidental Release**

Wear suitable protective clothing, gloves, and eye/face shield. Ventilate area. Soak up with an absorbent material and place in a container for proper disposal.

**7. Handling and Storage****Handling**

Use with adequate ventilation. Wash thoroughly after handling.

**Handling And Storage**

Do not take internally. Keep from freezing.

**Storage**

Store in a cool place in original container and protect from sunlight.

**Other Precautions**

Keep out of reach of children. Read entire label before using. Do not contact skin, eyes or clothing. Do not breathe spray mists or vapors. Keep product away from food and food products.

**8. Exposure Controls and Personal Protection****Protective Gloves**

Wear rubber or impervious gloves.

**Respiratory Protection**

None required.

**Ventilation**

Local exhaust recommended. Mechanical ventilation recommended.

**Eye Protection**

Safety Glasses.

**Other Protective Equipment**

A rubber apron and appropriate protective clothing is recommended to prevent skin contact.

## 9. Physical and Chemical Properties

Physical State	Liquid
Specific Gravity	1.02
Color/Appearance	Green
Odor	Pine odor
pH	8-9
Boiling/Cond. Point	212 F
Melting/Freezing Point	32 F
Solubility	Miscible
Evaporation Rate	1
VOC %	0
Percent Volatile	98
Molecular Formula	N/A
Viscosity	N/A
Vapor Density	N/A

## 10. Stability and Reactivity

**Stability**

Stable

**Conditions to avoid**

Freezing

**Hazardous Decomposition Products**

None known.

**Hazardous Polymerization**

Will not occur.

## 11. Toxicological Information

**Toxicological Properties**

None known.

## 12. Ecological Information

**Ecological Information**

None Known.

## 13. Disposal Considerations

**Waste Disposal Method**

Dispose of in accordance with federal, state, and local regulations.

## 14. Transportation Information

DOT Shipping Information:

Proper Shipping Name: Cleaning Compounds NMFC 48580 Sub 3

Hazards Class: N/A  
ID Number: N/A  
Packing Group: Not Classified  
Hazard Label(s): N/A

## **15. Regulatory Information**

### **CPR Certification**

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations.

## **16. Other Information**

### **Disclaimer**

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.