

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration  
**MATERIAL SAFETY DATA SHEET**

(Prepared According to 29 CFR 1910.1200)

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**SECTION 1****IDENTIFICATION**

Product Name:	D-FROST: Ice & Frost Remover	Product No. 74186
Distributor's Name:	IBS, Inc.	
Distributor's Address:	PO Box 1717, Auburn, WA 98071-1717	
Distributor's Phone Number:	1 (800) 678-1906	
Emergency Phone Number:	1-800-255-3924 (CHEM-TEL)	
Proper Shipping Name:	Consumer Commodity, ORM-D	
Effective Date:	9-25-07	

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**SECTION 2****IDENTITY INFORMATION AND HAZARDOUS INGREDIENTS**

<b>Chemical Name:</b>	<b>CAS No.:</b>	<b>TLV:</b>
Methyl Alcohol	67-56-1	200ppm (skin)
Ethylene Glycol	107-21-1	50ppm
Carbon Dioxide	124-38-9	5000ppm

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**SECTION 3****PHYSICAL DATA**

Boiling Point:	>147°F	Specific Gravity(H <sub>2</sub> O=1):	0.80 ± 0.05
Solubility in Water:	Soluble	Evaporation Rate:	Slower than Ether
Vapor Density(Air=1):	Heavier than air	pH:	NA

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**SECTION 4****FIRE AND EXPLOSION HAZARD DATA**

Flash Point:	54°F
Flammable Limits:	LEL: 6            UEL: 36
Extinguishing Media:	Use foam, dry chemical or carbon dioxide.
Special Fire Fighting Procedures:	Aerosol cans may rupture when heated.
Unusual Fire and Explosion Hazards:	Heated cans may burst.

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**SECTION 5****REACTIVITY DATA**

Stability:	Unstable _____ Stable <u>  X  </u>
Incompatibility (Materials to Avoid):	Strong oxidizers.
Conditions to Avoid:	High temperatures.
Hazardous Decomposition or Byproducts:	In fire, will decompose to carbon dioxide, carbon monoxide
Hazardous Polymerization:	Will not occur

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## **SECTION 6 STORAGE AND HANDLING INFORMATION**

Precautions to be Taken in Handling and Storing:

When spraying more than one half can continuously or more than one can consecutively,  
use NIOSH approved respirator.

STORE AT TEMPERATURES BELOW 120°F

KEEP AWAY FROM CHILDREN

FOR USE BY TRAINED PERSONNEL ONLY

KEEP AWAY FROM HEAT, SPARKS, OR OPEN FLAME

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY

KEEP CONTAINER CLOSED DURING STORAGE

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## **SECTION 7 HEALTH HAZARDS AND FIRST AID**

Effects of Overexposure:

SKIN: Prolonged exposure to skin may result in the absorption of harmful amounts of methanol.  
Repeated contact may cause irritation, defatting or drying.

EYES: Eye irritant. May cause irritation, redness, or tearing.

INHALATION: Vapors may cause dizziness, drowsiness.

INGESTION: May cause abdominal pain, vomiting, headache, shortness of breath, weakness,  
fatigue, lightheadedness, drunkenness, blurred vision.

First Aid Procedures:

SKIN: Flush exposed area with plenty of water for 15 minutes. If irritation persists, get medical  
attention. Remove contaminated clothing and launder before reuse.

EYES: Immediately flush with large quantities of water for at least 15 minutes, lifting upper and lower  
eyelids occasionally. Seek medical attention.

INHALATION: Remove person to fresh air. If breathing is difficult, administer oxygen. If irritation  
persists get medical attention.

INGESTION: Dilute by giving water or milk and then induce vomiting. Note: Never give anything  
by mouth to an unconscious or convulsing victim. Keep person warm and quiet.  
Get medical attention immediately.

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## **SECTION 8 SPECIAL PROTECTION INFORMATION**

Respiratory Protection: Self-contained breathing apparatus if above TLV limit.

Ventilation: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.

Protective Gloves: None required if spraying.

Eye Protection: As with all cleaners, IBS, INC. supports employee safety as priority #1. Therefore, we  
recommend the use of safety glasses or chemical splash goggles.

Other Protective Equipment: Long sleeves and long pants.

Work/Hygienic Practices: Do not smoke while using. Wash hands after use.

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## **SECTION 9 SPILL OR LEAK PROCEDURE**

Steps To Be Taken In Case Material Is Released or Spilled:

Use absorbent sweeping compound to soak up material. Put into container. Dispose as  
hazardous waste.

Waste Disposal Method:

Dispose as hazardous waste in accordance with EPA RCRA.

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## **SECTION 10 REGULATORY INFORMATION**

SARA Title III, Section 313 Components:

Methanol

67-56-1

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This information pertains to this product as currently formulated, and is based on the information available at this  
time. Addition of reducers or other additives to this product may substantially alter the composition. We make no  
warranties, express or implied, and assume no liability in connection with any use of this information. 74186