

# MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29CFR 1910.1200

Rev. 03/28/09

## BLU-GLASS FLUX ZINC CHLORIDE BASE

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Infotrac Emergency No.: 1-800-535-5053

### 1. PRODUCT INGREDIENTS

Chemical Name	CAS No.	Wt. %	Permissible Air Concen.(mg.cu.m.)		SARA Title III Sect.313Chem.
			OSHA	ACGIH	
Zinc Chloride	7646-85-7	17%	1.0	1.0	YES

No other hazardous material is present in concentration greater than 1% (0.1% for carcinogens).

### 2. PHYSICAL DATA

Material is:  
LIQUID

Appearance and Odor:  
BLUE-GREEN LIQUID

Melting Point N/A	Boiling Point 215°F	Specific Gravity 1.14	Vapor Density N/A
Solubility in Water FULLY SOLUBLE	Vapor Pressure N/A	Evaporation Rate N/A	pH Varies with Dilution

### 3. FIRE AND EXPLOSION

Flash Point Non-Flammable	Flammable Limits N/A	Auto Ignition Temp. N/A
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Unusual Fire and Explosion Hazards-  
May release zinc oxide, zinc chloride or chloride fumes and hydrogen chloride gas.

Fire Extinguishing Agents Recommended-  
Use CO2 or dry chemical on surrounding fire.

Fire Extinguishing Agents To Avoid-  
N/A

Special Fire Fighting Precautions-  
Use NIOSH/MSHA approved self-contained breathing apparatus.



**Eyes and Face:**

Safety glasses or goggles are required.

**Other Clothing and Equipment:**

Gloves and other protective clothing recommended to prevent skin contact.

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**7. REACTIVITY DATA**

**Stability:** Stable

**Conditions to Avoid:** N/A

**Incompatibility:** Strong oxidizers may cause violent reaction.

**Hazardous Decomposition Products:** Zinc chloride fume, hydrogen chloride ammonia, ammonium chloride fumes.

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**8. ENVIRONMENTAL**

**Waste Disposal Method (Disposer must comply with Federal, State and Local disposal or discharge laws)**

If hazardous under 40 CFR 261, subparts B and C, material must be treated or disposed in a facility meeting the requirements of 40 CFR 254 or 265. If non-hazardous, material should be disposed in a facility meeting the requirements of 40 CFR 257.

**RCRA Status of Unused Material:** If discarded in unaltered form, material should be tested to determine if it must be classified as a hazardous waste for disposal purposes. Under specific circumstances, application can be made to the EPA Administrator to have a particular waste designated non-hazardous.

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**9. SHIPPING INFORMATION**

**ZINC CHLORIDE SOLUTION, CLASS 8, UN1840, PG111, RQ, ERG 154**

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