



Dry Coolant
PSI Part #: 1575

Product Identification:

Product Name- Industrial Dry Coolant

LAST UPDATE 11/01/2006

Product Use- Industrial Dry Coolant for the glass and plastic industry.

Identification Number- IDRYCOOLxxx (x = SIZE)

NFPA Hazard Ratings: Health- 1, Fire- 0, Reac.- 0

I. Hazardous Components:

Hazardous Ingredients	CAS or UN number	TLV (mg/m³)	LD50/LC50
None	-	-	-

II. Physical Data:

Appearance and Odor- Blue powder. Blue liquid with little or no scent (after application)

Boiling Pt. (C°)- 100°C (212°F)

Density (g/ml)- For liquids and solids, density = specific gravity

Evaporation Rt.(Butyl Acetate = 1)- As water

Odor Threshold- Not available

Physical State- Liquid (after application)

Specific Gravity (Water = 1) >1

Vapor Density (Air=1)- As water

Melting Pt. (C°)- 0°C (32°F)

Percent Volatile (v/v)- 80-90%

Solubility in Water- Medium to good at 20°C (68°F)

pH- 6.0

Vapor Press. (mmHg)- As water

V. Fire and Explosion Data:

Flammability (Flashpoint below 37.8° C): No

Flash Pt. (C°)- None

Extinguishing Media: Alcohol Foam-Co2-Dry

Explosion Data- Not available

Flammable Limits- None

Autoignition Temp (C°)- Not available

Chemical-Water Spray/Fog- X

Special Fire Fighting Procedures- Not available

V. Health Hazard Data:

Primary Routes of entry: Skin, Inhalation

Eye- May cause irritation.

Skin- Can cause irritation, dermatitis for people with hypersensitive skin.

Inhalation- Repeated, prolonged inhalation may cause adverse health effects.

Ingestion- May cause gastrointestinal discomfort.

VI. First Aid Data: Consult a physician if irritation persists.

Eyes- Flush eyes for at least 15 minutes.

Skin- Wash off with warm soap and water.

Inhalation- Remove to fresh air if effects occur.

Ingestion- Give two glasses of water and induce vomiting.

VII. Corrosivity and Reactivity Data:

Stability- Stable

Conditions to Avoid- Oxidizing materials.

Decomposition Products- May produce byproducts: carbon oxides, traces of incompletely burned carbon compounds, silicon dioxide, formaldehyde.

VIII. Chemical Handling:

Polymerization- No

Handling and Storage- Exercise reasonable care. Keep in a cool dry area.

Leaks or Spills- Use dry absorbent material to contain spill. Dispose of material in an approved container.

Waste Disposal Method- Check with local, state and federal ordinances before disposal.

C. **Personal Protection Information:**

Eye- Use safety glasses or goggles for splash protection.

Respiratory- None normally requ

Gloves- Use chemically resistant gloves if sensitive to material.

Footwear- None normally required.

Ventilation- Local

Work, Hygienic, Maintenance Practices and Special Clothing: Exercise reasonable care and caution. before eating smoking or going to the bathroom.

Special Precautions or Other Comments: Maintain good industrial practices. Use adequate ventilat

I. **Toxicological Data:**

Carcinogenicity- Not available

Teratogenicity- Not available

Mutagenicity- Not available

Reproductive Effects- Not known as used.

TLV (mg/m³)- Not available

LD50- Not available **LC50-** Not available

II. **Regulatory Information:**

Sara Hazard Class - Acute- Yes. Chronic-Yes

Canadian Right To Know - This product is not a " controlled product" under WHMIS.