



Material Safety Data Sheet – MSDS

PAGE 1: GK INDUSTRIAL DRY COOLANT

I. **Product Identification:**

Product Name- Industrial Dry Coolant
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

II. **Hazardous Components:**

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

III. **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 **pH-** 6.0
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)
Vapor Press. (mm Hg)- As water

IV. **Fire and Explosion Data:**

Flammability (Flashpoint below 37.8° C): No **Flammable Limits-** None
Flash Pt. (C°)- None **Autoignition Temp (C°)-** Not available
Extinguishing Media: Alcohol Foam-Co2-Dry **Chemical-Water Spray/Fog-** X
Explosion Data- Not available **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.

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IX. Personal Protection Information:

Eye- Use safety glasses or goggles for splash protection.

Respiratory- None normally required.

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. Wash hands before eating, smoking or going to the bathroom.

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

XI. 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

XII. Regulatory Information:

Sara Hazard Class - Acute - Yes Chronic-Yes

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