

Kissner Salts & Chemicals

M.S.D.S.

ARCTIC BLAST

SECTION 1: PRODUCT INFORMATION

T.D.G. Classification.....	Not regulated
UN Number.....	Not applicable
Packing Group	Not applicable
Product Name.....	Arctic Blast
WHIMIS Classification.....	Not applicable
Chemical Formula	not applicable
Chemical Family.....	Not regulated
Product Use	Ice melting
CAS #.....	Not applicable
Supplier.....	Kissner Salts & Chemicals
32 Cherry Blossom Rd Cambridge, On N3H 4R7 (519) 650-9998
Available Packaging.....	20kg bag, 50 lb Pail, 1000kg tote
Prepared by	Quality Assurance Department

SECTION 2: HAZARDOUS INGREDIENTS

Hazardous Ingredients	No hazardous substances present in reportable amounts
Percentage	Not applicable
LD/50, Route, Specie	Not applicable
LC/50, Route, Specie	Not applicable

SECTION 3: PHYSICAL DATA

Physical State	Solid
Appearance & Odour.....	Blue Colored Granules
Vapour Pressure (mm Hg at 20°C)	Not applicable
Vapour Density (Air = 1.0)	Not applicable
Bulk Density.....	Not applicable
Solubility in Water.....	Water Soluble
Specific Gravity (gm/cc, Water = 1.0)	Not applicable
% Volatile by Volume.....	Non volatile
Boiling Range (Deg. Celsius)	Not applicable
Melting/Freezing Point (Deg. Celsius)	-22 degrees Celsius
Coefficient of Water/Oil Distribution.....	Not applicable
pH	10 (1% solution @ 20 degrees C)

SECTION 4: FIRE AND EXPLOSION DATA

Flash Point.....	Not applicable
Autoignition Temperature (Deg. Celsius).Not auto-ignitable	
Flammability Limits in Air (%) LEL	Product is non-flammable. Not considered a fire hazard
Flammability Limits in Air (%) UEL.....	Not applicable
Fire Extinguishing Media	Not applicable
Fire Fighting Procedures.....	Not applicable
Other Fire or Explosion Hazards.....	Not applicable
Sensitivity to Mechanical Impact.....	Not sensitive
Rate of Burning.....	Not applicable
Explosive Power	None
Sensitivity to Static Discharge	None
Hazardous Combustion products.....	None

SECTION 5: REACTIVITY DATA

Chemical Stability

Under Normal Conditions	Stable under normal conditions
Under Fire Conditions	Not applicable
Hazardous Polymerization	Will not occur
Conditions to Avoid	None
Materials to Avoid	strong oxidizers
Hazardous Decomposition	Hydrogen chloride

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SECTION 6: TOXICOLOGICAL PROPERTIES

Route of entry into the body	Eye, skin, inhalation and ingestion
Effects of acute exposure to product	Eye: can cause mild to moderate temporary infection Skin: contact with abraded skin may cause mild irritation or rash Inhalation of dust: may cause nose throat and respiratory tract irritation and coughing
Effects of chronic exposure to product	Not known at this time
Exposure limits	Not applicable
Irritancy of product	None hazardous by WHIMIS criteria
Sensitization of product	Not available
Carcinogenicity of product	None hazardous by WHIMIS criteria
Reproductive toxicity	Not available
Teratogenicity	Not available
Mutagenicity	Insufficient data available
Synergistic effects	Not available

SECTION 7: PREVENTIVE MEASURES

Specific Engineering controls required	Local exhaust for dust
Procedures to be followed in case of spill/leak	Small spills: May be flushed away with water or sweep up. Large spills: Sweep or scoop up for reuse or disposal.
Waste Disposal	Small spills: May be seweried. Large spills: Should be disposed of in landfill according to regulations.
Protective Equipment to be used	While this product is considered non-hazardous, good industrial practice suggests the use of proper eye protection and the use of gloves.
Storage Needs	Store away from strong oxidizing agents.
Handling procedures and equipment	Store in dry area. Keep container closed.
Special shipping information	Not applicable

SECTION 8: FIRST AID MEASURES

EYE CONTACT:	Flush eyes with flowing water. If irritation or redness are severe or persist, consult physician.
SKIN CONTACT	Flush skin with running water.
INGESTION	Drink liquids to dilute and consult physician
INHALATION	Move victim to fresh air.

SECTION 9: PREPARATION INFORMATION

Emergency Phone No.	(613) 996-6666 (Canutec)
Date	October 2016

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