MATERIAL SAFETY DATA SHEET

Tillson Brands Inc
281 Tillson Ave
Tillsonburg, Ontario, Canada
N4G 5X2

In Case of Emergency, Call

519-494-3446

Date of MSDS Preparation (mm/dd/yyyy)

07/01/2015

Superceded date (mm/dd/yyyy)

MSDS Prepared By:

D Murray

For further information contact:

519-842-7609

Section 1 : Product Identification

Product Identifier: **Jet Blue Ice Fighter**
Registration No.: **Not Applicable**
Chemical Class: **Sodium Chloride Salt and Deicing Fluid**
Synonym: **Rock salt**

Active Ingredient (%) **Sodium Chloride**

CAS NO.: **7647-14-5**

Deicing Fluid **NA**

Chemical Name:
Product Use: **Road De-icer**

Section 2 : Composition/Information on Ingredients

Material		OSHA PEL	ACGIH TLV	NTP/IARC/OSHA Carcinogen	WHMIS
Sodium Chloride		None	None	No	NA
Corrosion Inhibitor	<0.01%	None	None	No	NA
Proprietary Organic Salt and Polyol Blend		5 mg/m^3	10 mg/m^3	No	NA

Section 3 : Hazards Identification

Symptons of Acute Exposure: Generally not hazardous in normal circumstances. However, good practices should always be followed. Avoid excessive exposure to skin and eyes.

Hazardous Decomposition Products: None Known

Physical Properties: Liquid coated solid (rock salt) having a blue colour. Typically, odourless.

Unusual Fire, Explosion, & Reactivity Hazards: None

Potential Health Effects: May cause mild irritation of the eyes with prolonged exposure. May cause irritation to exposed skin. May cause irritation to the repiratory tract.

Section 4 : First Aid Measures

Eye Contact: Wash eyes with plenty of water for 15 minutes, lifting eyelids occassionally. Seek medical assistance if irritation develops and persists.

Skin Contact: Wash exposed area with soap and water. If any irritation persists, seek medical attention.

Inhalation: Remove to fresh air.

Ingestion: Give 3-4 glasses of water. If vomiting occurs, give fluids again. Get medical attention as evacuation of the stomach may be required.

Note to Physician:

Medical Conditions Known To Be Aggravated: May aggrevate pre-existing dermatitus or other skin disorders. May aggrevate cariovascular disorders.

Section 5 : Fire Fighting Measures

Flash point & method: NA

Upper & lower flammable (explosive) limits in air: NA

Auto ignition temperature: NA

Hazardous combustion products: When involved in fire product may decompose and produce acrid vapours, magnesium compounds and chloride compounds.

Conditions under which flammibilty could occur: None

Extinguishing media: Use extinguishing media most appropriate for the surrounding fire. Fire water run-off should be contained to protect the environment.

Sensitivity to explosion by mechanical impact: None

Sensitivity to explosion by static discharge: None

Section 6 : Accidental Release Measures

Personal Precautions:

Avoid exposure to eyes and skin. Wear safety glasses or chemical googles depending on risk of the product entering the eyes. Avoid skin exposure with gloves and clean body-covering clothing. Where there is a likelihood of product dust, the use of a NIOSH approved respirator is recommended.

Prodedures for dealing with release or spill:

Wear appropriate protective equipment. Mop up or wet-vac any spill for use as ice-melt. Dispose of any waste as required by local by-laws and Provincial Regulations. Contain the material - do not allow large quantities to enter water systems or areas of vegetation.

Section 7: Handling & Storage

Handling Practices:

Avoid unnecessary exposures, especially to the eyes. Wear eye protection and wash exposed skin after handling the product. General ventilation is usually adequate for the handling of this product.

Appropriate storage pratices/requirements:

Store product in closed containers. Do not allow to freeze. Frozen product will will cause product to clump.

National Fire Code classification:

NONE

Section 8 : Exposure Control/Personal Protection

Applicable control measures, including engineering controls:

Generally, this is not hazardous material. Good hygiene practices, general ventilation and appropriate eye protection is adequate for most handling situations.

Personal protective equipment for each exposure route:

General:

Ingestion:	None normally required.
Eyes:	Glasses with sideshields or chemical goggles as appropriate to the handling circumstances.
Skin:	Rubber or neoprene gloves and clean body-covering clothing.
Inhalation:	None normally required. If dust possible, a NIOSH approved respirator should be worn.

Section 9 : Physical & Chemical Properties

Appearance:	Blue solid	**Vapour Denisty:**	NA
Formulation Type:	Granular	**Boiling point:**	NA
Odour:	Odourless	**Melting point:**	
pH:	NA	**Freezing Point:**	NA
Vapour pressure and reference temp.:	NA	**Specific gravity or density:**	2.2
Evaporation Rate:	NA	**Viscosity:**	NA
Odour threshold:	None	**Solubility in Water:**	Infinite

Section 10 : Stability & Reactivity

Chemical stability:	STABLE
Conditions to avoid:	Extreme heat
Incompatibility with other materials:	Strong oxidizing agents, strong acids
Hazardous decompostion products:	Chloride compounds
Hazardous polymerization:	Will not occur

Section 11 : Toxicological Information

Acute toxicity/Irritation Sudies (Finished Product)

Ingestion:	Very large doses can cause vomiting, diarrhea, and abdominal pain. Hypertonic salt solutions can produce violent inflammatory reactions in the gastrointestinal tract. Sodium Chloride LD_{50} (mouse) 4 gm/kg LD_{50} (rat) 3 gm/kg
Dermal:	Absorption can occur with similar effects as with ingestion.
Inhalation:	May cause mild irritation of the respiratory tract.
Eye Contact:	May cause mild irritation.
Skin Contact:	May cause mild irritation in damaged skin.
Skin Sensitization:	None
Reproductive/Development Effects:	None of the ingredients of this product have been reported to cause birth defects.
Carcinogenicity:	Not listed by IARC, NTP, OSHA, NIOSH or California
Other Toxicity Information:	
Target Organs:	May irritate eyes and skin. Ingestion of large quantities could affect the cardiovascular system or damage kidneys.

Section 12 : Ecological Information

Summary of Effects:

There is no specific information available. Release of the product into the environment in large quantities must be avoided. Product may damage vegetation and may be poisonous to fish and other aquatic life. Fire water run-off from fires involving this product should be contained and prevented from entering soil or water systems.

Eco-Acute Toxicity:

No specific information

Eco-Chronic Toxicity:

No specific information

Enviromental Fate:

No specific information

Section 13 : Disposal Considerations

Waste Disposal Information:

Spilled material should be collected whenever possible for use as an ice-melt. When this is not practical, absorb the material and shovel into containers. Label and dispose of the collected material according to Provincial Regulations.

Section 14 : Transport information

Shipping information such as shipping classification:

This product is not regulated for shipping in North America.

Proper Shipping Name:

NONE

Section 15 : Regulatory Information

WHMIS Classification for product:	This product is not a controlled material.
Canadian DSL	The ingredients in this product are on the Domestic Substance List.

Section 16 : Other Information