



ALASKA MELT  
SAFETY DATA SHEET  
October 2015

Section 1 – Chemical Product and Company Identification

Trade Name:	Alaska Melt
Chemical Name:	Sodium Chloride Brine, Calcium Chloride, with Corrosion Inhibitors
Formula:	NaCl & CaCl <sub>2</sub>
Manufacturer:	APUN, LLC. 2130 Dimond Blvd. Anchorage AK 99507

Section 2 – Composition/Information on Ingredients

CHEMICAL NAME	CAS. REG. NO.	APPROX
Sodium Chloride	007647-14-5	24-27%
Calcium Chloride	10043-52-4	9-11%
Corrosion inhibitor		Proprietary
Water	007732-18-5	55-65%

Section 3 – Hazard Identification

**Primary Entry Route:** Eyes and Skin

**Summary of Acute Effects:**

Inhalation: Causes irritation of nose and throat.

Ingestion: May irritate gastrointestinal tract and cause nausea and vomiting.

Eyes: Causes irritation and possible transient corneal injury. Tearing may occur.

Skin: Causes mild irritation. Additional effects may include blisters or sores.



## Section 4 – First Aid

- Inhalation: Move to fresh air; if breathing is difficult or discomfort persists, **GET MEDICAL ATTENTION**.
- Ingestion: If swallowed will cause nausea and vomiting. If victim is conscious, have victim drink water. If victim is unconscious or having convulsions, do nothing except keep victim warm and **GET MEDICAL ATTENTION**.
- Eyes: Promptly flood with water and continue washing for at least 15 minutes. Consult and Ophthalmologist.
- Skin: If necessary, remove contaminated clothing and shoes. Flush affected areas with plenty of water for at least 15 minutes.

## Section 5 – Fire Fighting Measures

- |                                    |   |
|------------------------------------|---|
| Fire Fighting Equipment:           | Self-Contained breathing apparatus and full protective gear.  |
| Flash Point:                       | Not Flammable   |
| Auto Ignition Temperature:         | Not Flammable   |
| Lower Explosive Limit:             | N/A   |
| Upper Explosive Limit:             | N/A   |
| Unusual Fire and Explosion Hazard: | N/A   |
| Extinguishing Media:               | This Product is Not Flammable   |
| Special Firefighting Procedures:   | Avoid breathing corrosive vapors; keep upwind. Dike are to prevent runoff and contamination of water sources. |

## Section 6- Accidental Release Methods

Dike the spilled liquid, and either pump back into original container or cover with sand or clay-type substance for absorption.



## Section 7 – Handling and Storage

Store at ambient temperature. Prevent possible eye and skin contact by wearing protective clothing and equipment. Eye wash and safety shower should be provided within the immediate work area for emergency use. Launder contaminated clothing before reuse.

## Section 8 – Exposure Control/Personal Protection

Respiratory Protection:	N/A
Ventilation:	Use local exhaust in enclosed area. Use natural ventilation for outdoor areas.
Protective Clothing:	Use impervious clothing, rubber gloves and rubber boots.
Eye Protection:	Use splash-proof safety goggles and splash shields where there is any possibility of calcium chloride contacting the eyes.
Other Protective Clothing or Equipment:	N/A
Work/Hygienic Practices:	Avoid contact with eyes, skin, and mucous membranes. Wash hands thoroughly with soap and water before eating, drinking, smoking or using toilet facilities. DO NOT place food or drink in areas where dusting or splashing of solution is possible.

## Section 9 – Physical and Chemical Properties

Appearance:	Clear to straw colored liquid
Odor:	None
pH:	5.0 – 9.0
Flash Point:	N/A
Boiling Point:	212F
Evaporation Rate:	N/A
Flammability:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Specific Gravity:	N/A
Solubility:	Complete in Water



## Section 10 – Stability and Reactivity

Reactivity: Low Reactivity  
Chemical Stability: Stable  
Conditions to Avoid: None  
Materials to Avoid: Metals will slowly corrode in aqueous solution. Keep away from Galvanized Iron, Aluminum and Tin. Concentrated acids, Boric Acid, Nitric Acid and Calcium Oxide are INCOMPATIBLE.

Hazardous Decomposition Products: If the liquid completely dries from fire, thermal decomposition products may include toxic and corrosive fumes of Chlorine and Hydrogen Chloride. Product may react with some metals (Aluminum, Zinc, Tin, Etc.) to release flammable Hydrogen Gas.

## Section 11 – Toxicological Information

LDSO: 1000 MG/KG, ORAL, RAT

## Section 12 – Ecological Information

Ecotoxicology: Based largely or completely on data from major components, material is practically non-toxic to aquatic organisms on an acute bases 9LDSO < 100mg/L in most sensitive specifications.

## Section 13 – Disposal Consideration

All disposal methods must be in compliance with all Federal, State/Provincial, and local laws and regulations. Regulations may vary in different locations.

## Section 14 – Transport Information

DOT Proper Shipping name: N/A

DOT Hazard Class/1.0 No. N/A

Product Name: Alaska Melt



## Section 15 – Regulatory Information

Reportable Quantity:	N/A		
NFPA Rating:	Health – 1	Fire – 0	Reactivity – 0
NFPA Rating Meaning:	0=Insignificant 1=Slight 2=Moderate 3=High 4= Extreme		
Carcinogenicity Lists:	No		
NTP:	No		
IARC Monograph:	No		
OSHA Regulated:	No		

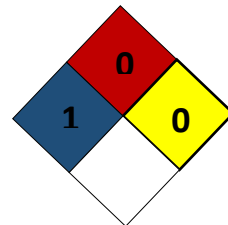
## Section 16 – Other Information

This MSDS has been prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

The MSDS information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, APUN LLC. Makes no warranty, either expressed or implied, with respect to completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Also, additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user’s responsibility to determine the suitability of this product and to evaluate risks prior to use, and then to exercise appropriate precautions of employees and other persons.

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

<b>HEALTH</b>	/ 1
<b>FLAMMABILITY</b>	0
<b>PHYSICAL HAZARD</b>	0
<b>PERSONAL PROTECTION</b>	x





## Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards. In some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the user of or reliance on any information contained on this document.

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Effective Date	15-january-2015
Expiry Date	15-January-2018
Further Information	For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.
Prepared By	Dell Tech Laboratories, LTD. Phone: (519) 858-5021
Other Information	This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).  This SDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.