



Safety Data Sheet

Section 1: Identification

Product Identifier

Ice removal

Product Name

Trade Name: SPLASH Ice Melt

PN (Part number): 10# Shaker Bag-137100, 10# Bag-135010, 12# Jug-135000, 20# Bag-135020, 50# Bag-135050

Relevant identified uses of the substance or mixture and uses advised against

- Material for industrial applications
- Industrial and professional use
- Consumer end use

Details of the supplier of the safety data sheet

Manufacturer

SPLASH Products
51 E. Maryland Ave.
St. Paul, MN 55117
Phone: (651) 489-8211

Emergency telephone number

1-800-535-5053

Section 2: Hazard(s) Identification

OSHA/HCS status

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). No known OSHA hazards.

Classification of the substance or mixture

Acute toxicity, Oral Category 5

GHS label elements

Hazard pictograms-No Pictogram

Sodium Chloride

Signal word-Warning

Hazard statements

May be harmful if swallowed

Product should be treated as a chemical and is not for consumption as it has been stored with other nonfood-grade chemicals.

Precautionary statements

Prevention-None

Response-None

Storage

Store in a well-ventilated, dry place.

Disposal

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified

Product is stable.

Section 3: Composition/Information on Ingredients

Substance/mixture: Substance

Chemical name: Sodium Chloride

Other means of identification: Table salt

CAS number/other identifiers

Ingredient name	%	CAS number
Sodium Chloride	100	7647-14-5

Section 4: First Aid Measurements

Description of necessary first aid measures

Eye contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 30 minutes. Cold water may be used. Get medical attention immediately.

Inhalation: Bring accident victims out into the fresh air and keep at rest in a position comfortable for breathing. Call a physician immediately in severe cases or if recovery is not rapid.

Skin contact: After contact with skin, wash immediately with plenty of water. Remove contaminated clothing and wash before reuse.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth with water. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician

No data available.

Specific treatments

N/A

Protection of first-aiders

N/A

See toxicological information (Section 11)

Section 5: Fire Fighting Measures

Extinguishing media

Suitable extinguishing media

SMALL FIRE: Use water spray, CO₂ or alcohol-resistant foam.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Unsuitable extinguishing media

None known

Specific hazards arising from the chemical

Not considered a combustible material

Hazardous thermal decomposition products/Products of combustion

Hydrogen chloride gas, Sodium oxides

Special protective actions for fire fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Special protective equipment for fire-fighters

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.

Environmental precautions

Methods and materials for containment and cleaning up:

Sweep up and shovel. Keep in suitable, closed containers for disposal. Follow personal protective equipment recommendations found in Section 8 of this SDS. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including: the material spilled, the quantity of the spill, the area in which the spill occurred, and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits.

Avoid dust formation. Avoid breathing vapors, mist or gas. Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

Section 7: Handling and Storage

Precautions for safe handling

Protective measures, advice on general occupational hygiene and conditions for safe storage, including any incompatibilities:

Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed.

Keep container tightly closed in a cool, well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits			
	ACGIH		OSHA	
Sodium Chloride	(TWA)	(STEL)	(TWA)	(STEL)
	N/A	N/A	N/A	N/A

Appropriate engineering controls and Environmental exposure controls

No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use.

Individual protection measures

Hygiene measures

None

Eye/face protection: Use chemical safety goggles.

Skin protection

Hand protection and Body protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Other skin protection

Wash hands and other exposed areas with mild soap and water before eating or drinking.

Respiratory protection: No respiratory protection required under normal circumstances.

Respirator Type(s) (NIOSH Approved): If the exposure limit is exceeded and engineering controls are not feasible, a half face piece particulate respirator (NIOSH type N95 or better filters) may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full face piece particulate respirator (NIOSH type N100 filter) may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency, or respirator supplier, whichever is lowest. If oil particles (e.g. lubricants, cutting fluids, Glycerin, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full face piece positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in Oxygen-deficient atmospheres.

Section 9: Physical and Chemical Properties

Appearance

Physical state: Colorless to white crystalline solid

Odor: None

Odor threshold: Not determined

pH: No data available

Specific Gravity: 2.16

Melting point: 801°C

Boiling point: 1461°C

Flash point: No data available

Evaporation rate (BuAc=1): No data available

Flammability (solid, gas): No data available

Lower and upper explosive (flammable) limits: No data available

Vapor pressure: 1.33 hPa at 865°C

Vapor density (Air=1): No data available

Solubility: 358 g/l at 20 °C, slightly in alcohol

Partition coefficient: n-octanol/water: Not Established

Auto-ignition temperature: Not Applicable

Decomposition temperature: Not Established

Viscosity: Not determined

VOC%: 0

Section 10: Stability and Reactivity

Reactivity

Stable under recommended storage conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available

Conditions to avoid

No data available

Incompatible materials

Reacts violently with bromine, trifluoride and lithium. Avoid contact with strong oxidizers, acids.

Hazardous decomposition products

No data available

Section 11: Toxicological Information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Test	Results
Sodium Chloride	Acute toxicity, oral (male rat)	LD50 = 3,550 mg/kg
	Acute toxicity, dermal	LD50 = 10,000 mg/kg
	Acute toxicity, inhalation (rat)	LC50 = 42,000 mg/m ³ / 1 Hours

Summary Comments:

Sensitization

Product/ingredient name	Test	Results	Basis
Sodium Chloride		No evidence of sensitization effect	

Summary Comments:

Carcinogenicity

Product/ingredient name	Test	Results	Basis
Sodium Chloride		No known carcinogenic effects	

Summary Comments:

Specific target organ toxicity (single exposure)

Product/ingredient name	Test	Results	Basis
Sodium Chloride		No data available	

Summary Comments:

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Test	Results	Basis
Sodium Chloride		No data available	

Summary Comments:

Aspiration hazard

Product/ingredient name	Test	Results	Basis
Sodium Chloride		No data available	

Summary Comments:

Information on the likely routes of exposure

Inhalation may blur vision. Ingesting may irritate the gastrointestinal tract.

Potential acute health effects

Eye contact: Irritating to the eyes

Inhalation: Irritating to the lungs

Skin contact: Irritant, dehydration

Ingestion: Vomiting, Diarrhea, Dehydration and congestion may occur in internal organs. Hypertonic salt solutions can produce inflammatory reactions in the gastrointestinal tract

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: Eye irritation.

Inhalation: Irritation.

Skin contact: Skin irritation.

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

Potential chronic health effects (Sodium Chloride)

Carcinogenicity: No known carcinogens.

Mutagenicity: No data available.

Teratogenicity: No data available.

Developmental effects: No data available.

Fertility effects: No data available.

Numerical measures of toxicity

Acute toxicity estimates

No data available

Section 12: Ecological Information

Toxicity

Acute Fish toxicity: (Sodium Chloride)

LC50 – *Lepomis macrochirus* (Bluegill) – 5,840 mg/l - 96 h

Acute toxicity for daphnia and other aquatic invertebrates: (Sodium Chloride)

LC50 - *Daphnia magna* (Water flea) – 1,661 mg/l – 48 h

Acute toxicity for algae: (Sodium Chloride)

No data available

Acute bacterial toxicity: (Sodium Chloride)

No data available.

Ecotoxicology Assessment: (Sodium Chloride)

Material is not expected to be toxic to aquatic life.

Persistence and degradability

Biodegradability: (Sodium Chloride)

No data available

Stability in water: (Sodium Chloride)

No data available

Photodegradation: (Sodium Chloride)

No data available

Volatility (Henry's Law constant): (Sodium Chloride)

Partition coefficient n-octanol/water ($\log K_{ow}$) = No data available

Bioaccumulative potential

Bioaccumulation: (Sodium Chloride)

No data available

Bioconcentration factor (BCF): N/A

Mobility in soil: (Sodium Chloride)

Distribution among environmental compartments:

No data available

Other adverse effects:

No data available

Section 13: Disposal Considerations

Disposal methods

Dispose in accordance with applicable international, national and local laws, ordinances and statutes.

Section 14: Transport Information

UN Number: Not regulated

UN Proper Shipping Name:

Transport hazard Class(es):

Packing Group:

Land Transport ADR/RID and GGVS/GGVE (Cross Border / Domestic)

Transport Hazard Class(es): Not regulated

Maritime Transport IMDG/GGVSea

Transport Hazard Class(es): Not regulated

Marine Pollutant: No

Air Transport ICAO-TI and IATA-DGR

Transport Hazard Class(es): Not regulated

Section 15: Regulatory Information

Chemical Inventory Status-Part 1

Ingredient (CAS#)	TSCA	EC	Japan	Australia
Sodium Chloride (7647-14-5)	Yes	Yes	Yes	Yes

Chemical Inventory Status-Part 2

Ingredient (CAS#)	Korea	Canada	Canada	Philippines
		DSL	NDSL	
Sodium Chloride (7647-14-5)	Yes	Yes	No	Yes

Federal, State & International Regulations-Part 1

	SARA 302		SARA 313	
Ingredient (CAS#)	RQ	TPQ	List Chemical	Category
Sodium Chloride (7647-14-5)	No	No	No	No

Federal, State & International Regulations-Part 2

	RCRA		TSCA
Ingredient (CAS#)	CERCLA	261.33	8(d)
Sodium Chloride (7647-14-5)	No	No	No

Chemical Weapons Convention: No

TSCA 12b: No

CDTA: No

SARA 311/312:

Acute: Yes, Chronic: No, Fire: No, Pressure: No, Reactivity: No

Pure/Solid

Australian Hazchem Code: No information found

Poison Schedule: No information found

Section 16: Other Information

History

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Revised Sections(s): Added Shaker Bag part number

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Notice to reader

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Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.