

**Swift Melt™****SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name: Swift Melt™
Product Code(s): SWIFTMELT-15
Other means of Identification:
Recommended Use: Ice melting/De-icing – snow and ice control

Manufacturer/Marketer:
P.F. Harris Manufacturing Company, LLC
P.O. Box 1922
Cartersville, GA 30120
Email: info@pfharris.com
www.pfharris.com

Customer Service: 1-800-637-0317
Monday-Friday, 9am – 5pm EST

Emergency:
National Poison Control: 1-800-222-1222
24 hour Emergency Telephone: 1-800-255-3924

SECTION 2. HAZARDS IDENTIFICATION**OSHA Regulatory Status:**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

HAZARDS CLASSIFICATION:

Skin Corrosion/Irritation – Category 2
Eye damage/irritation – Category 2B
Acute Toxicity [Oral]: Category 4

SIGNAL WORD: WARNING

GHS HAZARD PICTOGRAMS:

Hazard Statements: Causes eye irritation. Causes skin irritation. Harmful if swallowed.

Precautionary Statements: Wear eye and face protection. Wear protective gloves and eye protection. Wash hands thoroughly after handling. Take off contaminated clothing and wash before reuse. When using do not eat, drink or smoke.

Acute/Potential Health Effects:

EYES: Contact causes eye irritation. Dusts may cause mechanical irritation, tearing, and blurred vision.

SKIN: Causes skin irritation. Dusts cause mechanical irritation. Prolonged contact may cause more severe symptoms.

INHALATION: Overexposure by generation/inhalation of dusts may cause irritation to upper respiratory tract and mucous membranes.

INGESTION: Consumption of solids or hypertronic solutions causes nausea, vomiting and gastric distress.

Chronic Effects: Chronic exposures to skin and mucous membranes that cause irritation may cause a chronic dermatitis or mucosal membrane problem

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Substance

Chemical Name	CAS Number	WT %
Calcium Chloride	10043-52-4	>90
Potassium Chloride	7447-40-7	>2 - <3
Sodium Chloride	7647-14-5	>1 - <2
Water	7732-18-5	trace

Note: Potassium Chloride and sodium chloride are impurities from the naturally-occurring source material, brine solution.

SECTION 4. FIRST AID MEASURES

EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

SKIN: Rinse skin with plenty of water. If irritation develops get medical attention.

INHALATION: Remove affected person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

INGESTION: Immediately rinse mouth and drink plenty of water. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

Note To Physician: Treat as thermal burn. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Non-flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SPECIFIC HAZARDS: Thermal decomposition may generate calcium oxide, hydrogen chloride and chlorine gas.

SPECIAL PROTECTIVE EQUIPMENT: Safety glasses, gloves

SECTION 6. ACCIDENTAL RELEASE MEASURES

Contain spillages. Sweep or vacuum up and collect in suitable containers for recovery or disposal. Spilled material may create a slip hazard. Prevent large spills from entering waterways. Wash thoroughly after handling.

SECTION 7. HANDLING AND STORAGE

HANDLING: Use this product only in a manner consistent with its labeling. Avoid contact with eyes and skin. Avoid generation of dusts. Wash thoroughly after handling. **Note:** Heat is generated when mixed with water or aqueous acid solutions.

STORAGE: Keep container tightly sealed. Store only in original container, in a dry place inaccessible to children and pets. Keep away from incompatible substances. Emptied containers may retain product residues. Protect from humidity and water.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
Particles Not Otherwise Regulated (PNOR)			15 (total dust)		5		
Particulates Not Otherwise Specified (PNOS)			10 (inhalable)		3 respirable		

Eye Protection: Recommended: Safety glasses or goggles.

Skin Protection: Recommended: Wear protective (plastic or rubber) gloves and protective clothing.

Respiratory Protection: No special protection required. Adequate ventilation if dust is present.

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Pellets

Appearance and Odor: White free flowing, odorless

pH: N/A

Freezing Point: N/A

Melting Point: 772°C

Flash Point: N/A

Flammability: Not

Flammable

Upper/Lower Explosive limits: N/A

Specific Gravity (Water=1): N/A

Solubility: soluble in water

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Hygroscopic – can liberate large amounts of heat when dissolving in water or aqueous acid solutions.

Chemical Stability: Stable.

Conditions to Avoid: Avoid dust generation. Avoid moisture.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Incompatible Materials: Acids, Alkalies and (certain metals in the presence of moisture)

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological Data:

Calcium Chloride	10043-52-4	LD50 (oral, rat): 1000 mg/kg LD50 (dermal, rat): 2630 mg/kg
Potassium Chloride	7447-40-7	LD50 (oral, rat): 2600 mg/kg
Sodium Chloride	7647-14-5	LD50 (oral, rat): 3 g/kg LD50 (dermal, rabbit): 10 g/kg LC50 (inhalation): 42 g/m ³ (1 hr.-rat)

Eye contact: Contact causes eye irritation. Dusts cause mechanical irritation, tearing, and blurred vision.

Skin contact: Contact causes skin irritation. Dusts cause mechanical irritation. Prolonged contact may cause more severe symptoms.

Inhalation: Dust particulates may cause mechanical irritation to upper respiratory tract and mucous membranes. Existing medical conditions (e.g. Asthma, bronchitis) may be aggravated by overexposure to dusts.

Ingestion: Harmful if swallowed in large quantities.

Carcinogenicity: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity: Material is practically non-toxic to aquatic organisms on an acute basis.

Environmental Effects: No known adverse effect on the environment.

Environmental Fate Data; Persistence/Degradation: Inorganic – not subject to biodegradation.

Soil Mobility: No further relevant information available

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

RCRA Waste code(s): Not applicable

SECTION 14. TRANSPORT INFORMATION

	DOT Classification	TDG Classification	IMDG	IATA
UN Number	Not Regulated	Not Regulated	Not classified	Not classified
UN Proper Shipping Name	-	-	-	-
Transport Hazard Class	-	-	-	-
Packing Group	-	-	-	-
Environmental Hazards	-	-	-	-
Additional Information	-	-	-	-

SECTION 15. REGULATORY INFORMATION

US Federal Regulations:

TSCA (TOXIC SUBSTANCE CONTROL ACT): The ingredients of this product are listed or exempted from listing because of Low Volume Exemption has been granted in accordance with 40 CFR 723.50

SARA 302/304 EMERGENCY PLANNING EMERGENCY PLAN: There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40 CFR 355).

SARA 311/312: Acute Health: [x] Chronic: [x] Fire: [] Sudden Release of Pressure: [] Reactive: []

SARA 313 (Specific Toxic chemical listings): None

State and Local Regulations: Certain states maintain their own ingredient lists which differ slightly from the Federal standards. If indicated under Section 2 of this SDS, states listed below may have regulations on ingredients contained in this product.

Check with your state for additional regulations.

CA Proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986): This product does not contain any Proposition 65 chemicals. This product is not listed, but it may contain impurities/trace elements known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act. **WARNING:** This product (when used in aqueous formulations with a chemical oxidizer such as ozone) may react to form calcium bromate, a chemical known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16. OTHER INFORMATION

Date of issue/revision: 09/15/2021

Version: 1.0

Date of previous issue: None

Notice to reader: This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handles or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractor and customers who will use this product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.