Flor-Dri SUPPLY COMPANY, INC.

SAFETY DATA SHEET

Rev. Date: 04/01/2023

Section 1 - Chemical Product / Company Identification

Product Identifier: **Tiger Melt (Green)**
Product Use: Snow and ice melting

Company Identification: Flor-Dri Supply Company, Inc.
5450 W. Jefferson
Detroit, MI 48209
Ph: (800) 356-7374

Emergency Telephone Number: (800) 356-7374

Section 2 - Hazards Identification

OSHA Regulatory Status: This product is not a hazardous chemical as defined by the Hazard Communication Standard of 29 CFR 1910.1200.

Classification of the substance or mixture

OSHA HCS 2012 -Not classified

Label Elements

OSHA HCS 2012

Hazard Statements -No label element(s) specifically required

Other Hazards

OSHA HCS 2012 -This product is not a hazardous chemical as defined by the Hazard Communication Standard of 29 CFR 1910.1200

EMERGENCY OVERVIEW:

Color: Green
Physical State: Solid
Appearance: Granules
Odor: Odorless

Signal Word: **Warning**

HEALTH HAZARDS: Exposure to this product may cause irritation to the eyes. Prolonged contact may cause skin irritation. May cause respiratory tract irritation.

PRECAUTIONARY STATEMENTS: Wash thoroughly after handling. Observe good industrial hygiene practices.

HAZARD CLASSIFICATION:

Skin Irritant Category 2
Eye Irritant Category 2A

Unknown Acute Inhalation Toxicity:

There is no acute inhalation toxicity data available for this material.

GHS SYMBOL: Exclamation mark



GHS SIGNAL WORD: **Warning**

GHS HAZARD STATEMENTS:

GHS - Health Hazard Statement(s)

• Harmful if swallowed
• Causes serious eye irritation

GHS - Precautionary Statement(s) - Prevention

• Wash thoroughly after handling
• Do not eat, drink or smoke when using this product
• Wear eye protection

GHS - Precautionary Statement(s) - Response

• IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing
• If eye irritation persists: Get medical advice/attention
• IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
• Rinse mouth

GHS - Precautionary Statement(s) - Storage

• There are no Precautionary-Storage phrases assigned

GHS - Precautionary Statement(s) - Disposal

• Dispose of contents and container in accordance with applicable local, regional, national, and/or international regulations.

Section 3 - Composition/Information on Ingredients

Composition			
Chemical Name	**Identifiers**	**LD50/LC50**	**Classifications According to Regulation/Directive**
Sodium Chloride	**CAS:** 7647-14-5	Ingestion/Oral-Rat LD50.3000 mg/kg	**OSHA HCS 2012:** Not Classified **WHMIS 2015:** Not Classified
Potassium Chloride	**CAS:** 7447-40-7	Ingestion/Oral-Rat LD50.2600 mg/kg	**OSHA HCS 2012:** Not Classified **WHMIS 2015:** Not Classified
Green Colorant	**N/A**	**N/A**	**N/A**

Section 4 - First-Aid Measures

Description of first aid measures

Inhalation Move victim to fresh air. Get medical attention for any breathing difficulty.

Skin Wash exposed area with soap and water. Get medical attention if irritation develops or persists.

Eye Rinse with water. Get medical attention if irritation develops or persists.

Ingestion If large quantities are swallowed, Give water and get medical advice.

Section 5 - Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media - Material is non-combustible. In case of fire use media as appropriate for surrounding fire.

Unsuitable Extinguishing Media - No data available

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards - No unusual fire or explosion hazards known

Hazardous Combustion Products - No data available

Advice for firefighters

Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Wear suitable protective clothing, gloves, and eye/face protection.

Emergency procedures Stop leak if you can do it without risk. Keep unauthorized personnel away. Use normal clean up procedures.

Environmental precautions

Avoid entry of large amounts of product into sewers, natural waters, and drinking water sources. Due to possible harmful effects, avoid contact with vegetation, animals and fish life.

Methods and material for containment and cleaning up

Containment/Clean-up Measures Recover into suitable, dry sealable containers if reusing. Vacuum or sweep into containers for proper disposal.

Reference to other sections

Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

Precautions for safe handling

Handling Use good safety and industrial hygiene practices. Wash thoroughly after handling. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Storage Avoid storage with strong acids and strong oxidizing agents.

Incompatible Materials or Ignition Sources Strong oxidizing agents, strong acids

Section 8 - Exposure Controls/Personal Protection

Exposure Guidelines:

There are no occupational exposure limits established by OSHA, ACGIH or NIOSH.

Ventilation/Respiratory Protection:

NIOSH/MSHA approved respirator for particulates.

Skin Protection:

For brief contact, no precautions other than clean body-covering clothing should be needed. Use protective clothing impervious to this material. Selection of specific items such as gloves, boots, aprons, or full-body suit will depend on operation. If skin comes in contact with contaminated clothing, remove the clothing, wash skin area with soap and water, and launder clothing before reuse.

Eye Protection:

Safety glasses should be sufficient for most operations; however, for dusty operations or when handling solutions of

Section 9 - Physical And Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/ Description	Colorless or white granules
Color	Green	Odor	No data available
Odor Threshold	Not applicable		
General Properties			
Boiling Point	2575° F, 1413° C	Melting point/Freezing point	1474° F, 801° C
Decomposition Temperature	No data available	pH	Not applicable for solids
Specific Gravity/Relative Density	2.165	Water Solubility	Appreciable 10 to 99 %
Viscosity	No data available		

Volatility			
Vapor pressure	1.0 MMHG @ 865°C, 1589°F	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10 - Stability and Reactivity

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical Stability

Stable

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Incompatible materials.

Incompatible materials

Strong acids

Hazardous decomposition products

Will react with strong acids to generate hydrogen chloride and with strong oxidizing agents to generate chlorine gas.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
Sodium chloride	7647-14-5	**Acute Toxicity:** Ingestion/Oral-Rat LD50 - 3000mg/kg; **Irritation:** Eye-Rabbit - 10mg - Moderate irritation; Skin-Rabbit - 500mg 24Hrs - Mild irritation
Potassium chloride	7447-40-7	**Acute toxicity:** Ingestion/Oral-Rat LD50 - 2600 mg/kg; **Irritation:** Eye-Rabbit - 500mg 24Hrs - Mild irritation; **Mutagen:** Cytogenetics analysis - Unreported Route-Hamster - Ovary (Somatic cell) - 140 mmol/L

Potential Health Effects

Inhalation Prolonged exposure may cause irritation.

Skin Prolonged exposure may cause skin irritation.

Eye May cause slight irritation to the eyes.

Ingestion Ingestion may cause adverse effects.

Section 12- Ecological Information

Toxicity
This material is water soluble and occurs naturally, and is unlikely to have long term effects on the environment.

Persistence and degradability
This material is not organic and therefore does not undergo biodegradation.

Bioaccumulative potential
Based on available information, the sodium chloride present may bioaccumulate in some aquatic organisms.

Mobility in Soil
This material is water soluble and expected to move rapidly with surface water or ground water flows.

Results of PBT and vPvB assessment
No specific data available on this product.

Other Adverse Effects
No specific data available on this product.

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste	Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
Packaging waste	Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

Department of Transportation (US): Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG Canada): Not regulated as dangerous goods.

IMO/IMDG: Not regulated as dangerous goods.

IATA/ICAO: Not regulated as dangerous goods.

Section 15 - Regulatory Information

U.S. REGULATIONS

OSHA REGULATORY STATUS:

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4) :

Not regulated.

SARA EHS Chemical (40 CFR 355.30)

Not regulated.

EPCRA SECTIONS 311/312 HAZARD CATEGORIES (40 CFR 370.10):

Acute Health Hazard

SARA HAZARD CATEGORIES ALIGNED WITH GHS (2018):

Not Regulated.

EPCRA SECTION 313 (40 CFR 372.65):

To the best of our knowledge, this product does not contain chemicals at levels that require reporting under this statue.

DEPARTMENT OF HOMELAND SECURITY (DHS) - Chemical Facility Anti-Terrorism Standards (6 CFR 27):

No components in this material are regulated under DHS

OSHA PROCESS SAFETY (PSM) (29 CFR 1910.119)

Not regulated.

EPA'S CLEAN WATER AND CLEAN AIR ACTS:

Component(s) not listed on impacted regulatory lists.

NATIONAL INVENTORY STATUS

U.S. INVENTORY STATUS: Toxic Substance Control Act (TSCA)

The components of this product are listed on the TSCA Inventory or are exempted from listing.

STATE REGULATIONS

California Proposition 65:

Ingredients within this product are not on the Proposition 65 Lists.

CANADIAN REGULATIONS

CANADIAN DSL/NDSL INVENTORY STATUS:

All components are DSL listed, NDSL Listed and/or are exempt from listing.

OTHER CANADIAN REGULATIONS:

Not applicable.

CANADIAN ENVIROMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:

This product has been classified in accordance with the hazardous criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS:

This product has been classified per WHMIS 2015.

Section 16 - Other Information

The information presented herein, while not guaranteed, is true and accurate to the best of our knowledge. No warranty, expressed or implied, is made regarding the performance, safety, suitability, stability, or otherwise. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, storage, disposal and other factors that may involve other or additional legal, environmental, safety or performance considerations, and Flor-Dri Supply assumes no liability whatsoever for the use of or reliance upon this information.