SAFETY DATA SHEET

Date Prepared: August 8, 2016

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifier

Product Code: FS89371
Product Name: FS Black Ice

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

Aromatic Ingredient(s) for industrial use only.
Not for personal use in this form or concentration.
Do not ingest as such and avoid eye contact.

1.3 Details of the supplier of the safety data sheet

Supplier:

Daytime:
After Hours: Chemtrec (800) 424-9300

1.4 For further information, please contact

SECTION 2. HAZARDS IDENTIFICATION
According to Regulation ST/SG/AC.10/30UN GHS Latest Revision

2.1 Classification of the substance or mixture

Hazard Class	Category
Serious eye damage/eye irritation	2
Hazardous to the aquatic environment, Acute	2
Reproductive toxicity	2
Skin corrosion/irritation	2
Skin sensitization	1

2.2 Label Elements

2.3 Hazard Statements

Causes serious eye irritation
Suspected of damaging fertility or the unborn child
Causes skin irritation
May cause an allergic skin reaction
Toxic to aquatic life

2.4 Signal Word

Warning

2.5 Precautionary Statements

Wash hands thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid release to the environment
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Avoid breathing dust/fume/gas/mist/vapours/spray
Contaminated work clothing should not be allowed out of the workplace
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 exposed or concerned: Get medical advice/attention
IF ON SKIN: Wash with soap and water
Specific treatment (see on this label)
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse
If skin irritation or a rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse
Store locked up
Dispose of contents/container to according to local laws

2.6 Other Hazards

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS
(Exact quantities are not shown due to Trade Secret Protection)

Component Name	CAS Number	Weight % in Mixture
Galaxolide 50 Ipm	1222-05-5	5 - 10%
Iso E Super, Chem Item	54464-57-2	5 - 10%
Bacdanol (Anandol) (Sanderol Rh)	28219-61-6	1 - 5%
Dihydro Myrcenol	53219-21-9	1 - 5%
D'Limonene	5989-27-5	1 - 5%
Linalyl Acetate Synthetic	115-95-7	1 - 5%
Hexyl Cinnamaldehyde (Hexyl Cinnamic Aldehyde)	101-86-0	1 - 5%
Linalool	78-70-6	1 - 5%
3-Methyl-4-(2,6,6-Trimethyl-2-Cyclohexen-1-Yl)-3-Buten-2-One (Alpha Isomethyl Ionone)	127-51-5	1 - 5%
2-(4-Tert-Butyl-Benzyl)Propionaldehyde (Bmhca Lilial)	80-54-6	1 - 5%

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye Contact:	Rinse the eye thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact:	Immediately wash the affected area with soap and plenty of water plus remove all contaminated clothes and shoes.
Ingestion:	Rinse the mouth with water. Do not induce vomiting. Dilute by drinking additional water and consult a physician.
Inhalation:	Remove the person to an area with fresh air and keep at rest in a comfortable position that allows for easy breathing.

4.2 Most important symptoms and effects, both acute and delayed

See section 4.1.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media include: Dry Chemicals, Carbon Dioxide (CO2), Alcohol-resistant foam or water spray.
DO NOT USE a solid water stream as it may scatter and spread the fire.

5.2 Special hazards arising from the substance or mixture

The burning of this product will result in the production of combustion products and gases including, but not limited to: Carbon Monoxide, Carbon Dioxide, unburned hydrocarbons (smoke).

5.3 Advice for fire-fighters

As in any fire, wear self-contained breathing apparatus and full fire fighting protective gear.

SECTION 6. ACCIDENTIAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation while handling. Wear eye protection with side shields, chemical resistant gloves, clothing that reduces skin exposure and safety shoes.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, e.g., sand, earth, diatomaceous earth, vermiculite) and place in container(s) for disposal according to local/state/national regulations.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Use only in an area provided with appropriate exhaust ventilation. To avoid ignition of vapors by static electrical discharge, all metal part of the equipment must be grounded. Keep away from heat, sparks, and open flames. No smoking while handling. Wear personal protective equipment. Do not breathe vapors or spray mist. Use product only in closed system.

Handle in accordance with good hygiene and safety practice. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and store in a dry and well ventilated place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.2 Exposure controls

Engineering: Ensure adequate ventilation.

Personal protective equipment:
- Safety glasses with side-shields
- Wear protective clothing that minimize exposed skin
- Wear protective gloves that are chemical resistant
- No respiratory protection required but avoid directly breathing of the vapors

Avoid release to the environment

8.3 Individual protection measures, such as personal protection equipment

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State:	Liquid
Appearance:	Straw to Pale Yellow
Odor:	Floral Ambery
Odor Threshold:	No Data Available
pH:	No Data Available
Melting Point:	No Data Available
Boiling Point:	>35 °C
Flash Point:	> 93°C/ >200°F
Evaporation Rate:	No Data Available
Flammability (solid, gas)	No Data Available
Explosive Properties:	No Data Available
Vapor Pressure:	.22459mmHG @20°C
Vapor Density:	No Data Available
Refractive index @25°C:	1.485 – 1.495
Specific Gravity @ 20°C:	1.030 – 1.040
Water Solubility:	No Data Available
Other Solubility:	No Data Available
Partition Coefficient:	No Data Available
Auto ignition Temperature:	No Data Available
Decomposition Temperature:	No Data Available
Viscosity:	No Data Available

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reactions are known under conditions of normal use. Keep away from oxidizing agents and strongly acidic or alkaline materials.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None under normal processing and handling.

10.4 Conditions to avoid

Heat, flames, sparks, and static discharge.

10.5 Incompatible Material

Strong oxidizing agents.

10.6 Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapors.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact

This product has not been subjected to toxicological testing but has been formulated with materials with established toxicological characteristics. Description of possible hazardous to health effects is based on toxicological characteristics of one or more ingredients contained in this mixture. See Section 3.

11.2 Symptoms related to the physical, chemical and toxicological characteristics

11.3 Delayed and immediate effects and also chronic effects from short and long term exposure

11.4 Numerical measures of toxicity

SECTION 12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity effects

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste from residues and unused product shall be disposed of in accordance with local, state, and federal regulations. Dispose of empty containers at an approved waste disposal plant.

SECTION 14. TRANSPORTATION INFORMATION

14.1 DOT

DOT	Not Regulated for US Ground Transport

14.2 Land Transport (ADR/RID/ADN)

Land Transport (ADR/RID/ADN)	UN Number:	3082
	Proper shipping name:	Environmentally hazardous substance, liquid, NOS, (Galaxolide IPM)
	Class:	9
	Packing group:	III

14.3 Sea Transport (IMDG CODE)

Sea Transport (IMDG Code)	UN Number:	3082
	Proper shipping name:	Environmentally hazardous substance, liquid, NOS, (Galaxolide IPM)
	Class:	9
	Packing group:	III
	Marine Pollutant	

14.4 Air Transport (ICAO-IATA)

Air Transport (ICAO - IATA)	UN Number:	3082
	Proper shipping name:	Environmentally hazardous substance, liquid, NOS, (Galaxolide IPM)
	Class:	9
	Packing group:	III

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

A chemical safety assessment has not been carried out.

SECTION 16. OTHER INFORMATION

16.1 Department Issuing SDS

Legislation/Regulatory Affairs Department

16.2 Abbreviations and Acronyms

ADR: European Agreement Concerning the International Carriage of Dangerous Good by Rail.
RID: Regulations concerning the International Transport of Dangerous Good by Rail.
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
IMO: International Maritime Organization
CAS: Chemical Abstracts Service, assign unique identifiers to chemical substances
LD50: Lethal dose, 50 percent. Refers to with oral or dermal.
LC50: Lethal concentration, 50 percent. Refers to vapors, gas, or mist and dust.

16.3 Key literature references and sources of data

Research Institute of Fragrance Materials (RIFM Database)
Technical Specifications from suppliers
Safety Data Sheet from suppliers
IFRA/IOFI Labeling Manual

Date Prepared: August 8, 2016

16.4 Disclaimer

The information provided in this SDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal, and release. It is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in this document.

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End of Safety Data Sheet