

SAFETY DATA SHEET

Date Prepared: January 26, 2016

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifier

Product Code: FS86214
Product Name: FS Strawberry Fragrance

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:

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
Acute toxicity, dermal	5
Acute toxicity, oral	4
Hazardous to the aquatic environment, Acute	1
Flammable liquid	4
Skin sensitization	1

2.2 Label Elements



2.3 Hazard Statements

Combustible liquid
May be harmful in contact with skin
Harmful if swallowed
May cause an allergic skin reaction
Very toxic to aquatic life

2.4 Signal Word

Warning

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2.5 Precautionary Statements

Wash hands thoroughly after handling
Do not eat, drink or smoke when using this product
Avoid release to the environment
Keep away from heat/sparks/open flames/hot surfaces. No smoking
Ground/bond container and receiving equipment
Use explosion-proof electrical/ventilating/light/equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapours/spray
Contaminated work clothing should not be allowed out of the workplace
Call a POISON CENTER or doctor/physician if you feel unwell
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth
Collect spillage
If skin irritation or a rash occurs:
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
In case of fire: Use CO2, fire-extinguishing methods suitable to surrounding conditions.
IF ON SKIN: Wash with soap and water
If skin irritation or a rash occurs: Get medical advice/attention
Specific treatment
Wash contaminated clothing before reuse
Store in a well ventilated place. Keep cool
Dispose of contents/container 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
Benzyl Benzoate	120-51-4	60 - 70%
Aldehyde C-16 Kosher Food Grade	77-83-8	5 - 10%
Ionone Beta Pure Kosher I-0021	14901-07-6	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.

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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. ACCIDENTAL 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

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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:	Almost Colorless
Odor:	Strawberry
Odor Threshold:	No Data Available
pH:	No Data Available
Melting Point:	No Data Available
Boiling Point:	>35 °C
Flash Point:	70 °C/ 158 °F
Evaporation Rate:	No Data Available
Flammability (solid, gas)	No Data Available
Explosive Properties:	No Data Available
Vapor Pressure:	1.27652mmHG @20 °C
Vapor Density:	No Data Available
Refractive Index @ 25 °C:	1.530 – 1.540
Specific Gravity @ 20 °C:	1.075 – 1.085
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.

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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, (Benzyl Benzoate)
Class: 9
Packing group: III

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14.3 Sea Transport (IMDG CODE)

Sea Transport (IMDG Code) UN Number: 3082
Proper shipping name: Environmentally hazardous substance, liquid, NOS, (Benzyl Benzoate)
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, (Benzyl Benzoate)
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

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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