

PRODUCT SAFETY DATA SHEET



Product name: Orange Emulsion

ASIN: B078HJV3JR

Product code: W0244

Date: 15.12.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Mixture identification:

Trade name: Ossoro Orange Emulsion

Trade code: Not Applicable

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

Recommended use: For use in processed foods

Uses advised against: Not Applicable

1.3 Details of the supplier of the safety data sheet

Company: Superb Formulations Pvt Ltd,

1/236, Pudupakkam Village, Kelambakkam, Kanchipuram District, Chennai

Tamil Nadu State, India 603103

Competent person responsible for the safety data sheet: queries@superbformulations.com

Emergency telephone number: 1800-3000-2710

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Physical hazards: Not applicable

Health hazards: Not applicable

Environmental hazards: Not applicable

2.2 Label elements Symbols:

Hazard statements: None required

Signal word: None

2.3 Precautionary statements:

Prevention: Observe good industrial hygiene practices.

Response: Wash hands after handling.

Storage: Store away from incompatible materials.

Disposal: Dispose of waste and residues in accordance with local authority requirements

Special Provisions: None

2.4 Other hazards: No other hazards

SECTION 3: Composition/information on ingredients

3.1 Substances: Emulsifying agent E414&E419, stabilizing agent E445, nature identical flavouring substances, natural flavouring substances, antioxidant E320, acid regulator e330, preservative E211 and food colour E110&E122.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation: Remove from exposure into fresh air. Seek medical attention

Ingestion: Rinse mouth with water and drink water. Seek medical attention

Eye Contact: Flush with fresh water for at least 10 minutes. If irritation persists, seek medical attention

Skin Contact: Wash skin with mild soap and water. Seek medical help if irritation persists

4.2 Most important symptoms and effects, both acute and delayed: Information not available.

4.3 Indication of any immediate medical attention and special treatment needed: Information not available.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water spray.

CO2 Carbon dioxide.

Dry powder.

Extinguishing media which must not be used for safety reasons: Not known.

5.2 Special hazards arising from the substance or mixture: Not Applicable

5.3 Advice for firefighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately.

This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment

Remove all sources of ignition.

Remove persons to safety.

Ventilate closed spaces before entering them

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so

Do not contaminate water.

Retain and dispose of contaminated wash water.

Contact local authorities in case of spillage to drain/aquatic environment.

6.3 Methods and material for containment and cleaning up: Wash with plenty of water.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not handle or store near an open flame, heat or other sources of ignition.

Avoid prolonged exposure.

Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry and well-ventilated place.

Keep away from sources of heat and naked flames.

Always keep the containers well-closed. Keep away from food, drink and feed.

Incompatible materials: Information not available.

Instructions with regards storage premises: Adequately ventilated premises.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No occupational exposure limit available

8.2 Exposure controls

Eye protection: Eye glasses with side protection.

Protection for skin: Overall, Safety shoes.

Protection for hands: Chemical resistant gloves.

Respiratory protection: Not Required

Thermal Hazards: None

Environmental exposure controls: None

Appropriate engineering controls: None

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Liquid
Colour: Characteristic appearance
Odour: Characteristic odour
Specific gravity @ 20°C: 1.047 (+/- 0.005)
Refractive Index @ 20°C: NA
Ph Value: 3.8
Solubility: Soluble in Water
Auto flammability: Not determined
Explosive Properties: None expected
Boiling Point: Not Applicable
Evaporation Rate: Not Applicable
Explosive Properties: Not Explosive
Oxidizing Properties: Not Oxidizing
Decomposition Temperature: Not available

9.2 Other information

Miscibility: Not Applicable
Fat Solubility: Not Applicable
Conductivity: Not Applicable

SECTION 10: Stability and reactivity

10.1 Reactivity Data

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Material is stable under normal conditions.

10.3 Possibility of hazardous reactions

None

10.4 Conditions to avoid

Avoid extreme temperatures.

10.5 Incompatible materials

Information not available.

10.6 Hazardous decomposition products

Does not occur

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological information of the mixture: N.A.

Inhalation No adverse effects due to inhalation are expected.

Skin contact Causes mild skin irritation.

Eye contact Causes mild eye irritation.

Ingestion Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics: Direct contact with eyes may cause temporary irritation.

Acute toxicity Not known.

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

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SECTION 12: Ecological information

- 12.1 Toxicity: Adopt good working practices, so that the product is not released into the environment. The product is not classified as environmentally hazardous.
- 12.2 Persistence and degradability No data is available on the degradability of this substance.
- 12.3 Mobility in soil No data available.
- 12.4 Bio-accumulative Potential: Information not available
- 12.5 Other adverse effects: No data available

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Hazardous waste code: Not established

SECTION 14: Transport information

- 14.1 Transport Regulations
ADN Not regulated as dangerous goods.
ADR Not regulated as dangerous goods.
RID Not regulated as dangerous goods.
DOT Not regulated as dangerous goods.
BULK DOT Not regulated as dangerous goods.
NON-BULK IATA Not regulated as dangerous goods.
IMDG Not regulated as dangerous goods
- 14.2 Identification: Extract, flavouring, liquid
- 14.3 Special Provisions for Transport: Not Applicable

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
State regulation: The product has been manufactured using ingredients and in a facility which is compliant as per FSSAI norms decreed by the Govt of India (License No. 12414008001330)
- 15.2 Other Classification:
FEMA and GRAS guidelines: The ingredients used are Generally Regarded as Safe (GRAS) and are safe for human consumption as per prevailing FEMA (Flavour and Extract Manufacturers Association) regulations.
Food Safety Systems Certification (FSSC 22000/GMP/GHP/HACCP): This product is manufactured in accordance with FSSC 22000:2013 norms validated as per certificate IN16/818842894.

SECTION 16: Other information

- References: NA
Other special considerations: NA

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