SAFETY DATA SHEET

Date Prepared: August 27, 2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifier

Product Code: F-130116
Product Name: ORANGE MALABATE WS 60081 DUP

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: Intarome Fragrance and Flavor Corporation
370 Chestnut Street
Norwood, NJ 07648 USA

Phone: (+1)201-767-8700
Fax: (+1)201-767-8757
Email: regulatory@intarome.com

1.4 For further information, please contact

CHEMTREC 1-800-424-9300 for US/ +1 (703)-527-3887 outside US

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
Aspiration hazard	1
Hazardous to the aquatic environment, Acute	1
Flammable liquid	3
Skin corrosion/irritation	2
Skin sensitization	1

2.2 Label Elements

2.3 Hazard Statements

Flammable liquid and vapour
May be fatal if swallowed and enters airways
Causes skin irritation
May cause an allergic skin reaction
Very toxic to aquatic life

2.4 Signal Word

Danger

2.5 Precautionary Statements

Avoid release to the environment
Keep away from heat/sparks/open flames/hot surfaces. No smoking
Ground/bond container and receiving equipment
Use rated explosion-proof electrical equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Wear protective gloves/protective clothing/eye protection/face protection
Wash hands thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapours/spray
Contaminated work clothing should not be allowed out of the workplace
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting
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 appropriate fire extinguishers for fire control
IF ON SKIN: Wash with soap and water
Specific treatment (see supplemental first aid instructions 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
Store in a well ventilated place. Keep cool
Dispose of contents/container in accordance with local/regional/national/international regulations.

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
D-Limonene	5989-27-5	80 - 90%

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 includes: Dry Chemicals, Carbon Dioxide (CO_2), 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 containers(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 vapours 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:	Clear Liquid
Odor:	Characteristic
Odor Threshold:	No Data Available
pH:	No Data Available
Melting Point:	No Data Available
Boiling Point:	>35 °C
Flash Point:	51.0°C / 124.0°F
Evaporation Rate:	No Data Available
Flammability (solid,gas)	No Data Available
Explosive Properties:	No Data Available
Vapor Pressure:	.92531mmHG @20°C
Vapor Density:	No Data Available
Relative Density:	No Data Available
Specific Gravity:	0.8468 - 0.8668
Refractive Index:	1.4595 - 1.4795
Water Solubility:	No Data Available
Other Solubility:	No Data Available
Partition Coefficient:	No Data Available
Autoignition 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 Transportation Agencies

IMDG/IMO	UN1993, Flammable liquid, n.o.s. (d-LIMONENE),Class 3, Packing Group III
IATA/ICAO	UN1993, Flammable liquid, n.o.s. (d-LIMONENE),Class 3, Packing Group III
ADR/RID	UN1993, Flammable liquid, n.o.s. (d-LIMONENE),Class 3, Packing Group III
DOT	Not Regulated as Dangerous goods

SECTION 15. REGULATORY INFORMATION

15.1 Toxic Substances Control Act (TSCA)

All components of this mixture are listed in the TSCA Inventory.

15.2 California Office of Environmental Health Hazard Assessment Proposition 65

All components of this mixture comply with this proposition.

15.3 Other 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

DOT: United States Department of Transportation
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 percents. 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 Manuel

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.

End of Safety Data Sheet