

STOCK FRAGRANCE

professional fragrance oil blends

SAFETY DATA SHEET

Product : CITRUS SUN E20153504

1 PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

CITRUS SUN E20153504

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

Perfume composition, flavour or aromatical ingredient, for an industrial usage, that can be used in end-user product.

1.3 Details of the supplier of the safety data sheet

Supplier : MANE USA
Address : 60 Demarest Drive- WAYNE - 07470- UNITED STATES
Telephone : 1 973 633 5533 (Only during office hours)
e-mail : US-WayneList.regulatoryaffairs@mane.com

1.4 Emergency telephone number

Emergency telephone number : NCEC (regional) +1 215 207 0061

[x] 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Physical hazards

Flam. Liq. 3: Flammable liquid and vapor.

Health Dangers

Asp. Tox. 1: May be fatal if swallowed and enters airways.

Skin irrit. 2: Causes skin irritation.

Skin Sens. 1: May cause an allergic skin reaction.

Repr. 2: Suspected of damaging fertility or the unborn child.

Environmental hazards

Aquatic Acute 1: Very toxic to aquatic life.

Aquatic Chronic 3: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Pictogram

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GHS02



GHS07



GHS08



GHS09

Signal Word

DANGER

Hazard Statements

H226: Flammable liquid and vapor.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H361: Suspected of damaging fertility or the unborn child.
H400: Very toxic to aquatic life.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statements

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P281: Use personal protective equipment as required.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P201: Obtain special instructions before use.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P273: Avoid release to the environment.
P301+P310+P331: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P308+P313: IF exposed or concerned: Get medical advice/attention.
P333+P313: If skin irritation or rash occurs: Get medical advice.
P370+P378: In case of fire: Use water for extinction.
P391: Collect spillage.
P321: Specific treatment (see this label).
P362: Take off contaminated clothing and wash before reuse.
P403+P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.
P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting/equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P272: Contaminated work clothing should not be allowed out of the workplace.

Issue date 03 AUG 2022

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Version 7

Model 1

Format date: 01 JUNE 2015

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2.3 Other hazards

None

[x] 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

CAS-No.: Not applicable

3.2 Mixtures

Hazardous Substances

Component	CAS	Concentration limit	CLASSIFICATION
LIMONENES	138-86-3	>= 20 % - 50 %	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
beta IONONE	14901-07-6	>= 1 % - 5 %	Aquatic Chronic 2, H411
MYRCENE	123-35-3	>= 0.1 % - 1 %	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
GAMMA TERPINENE	99-85-4	>= 0.1 % - 1 %	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Repr. 2, H361 Aquatic Chronic 2, H411
TERPINOLENE	586-62-9	>= 0.1 % - 1 %	Flam. Liq. 4, H227 Asp. Tox. 1, H304 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Ingredients having an occupational exposure limit value: See section 8.

4 FIRST AID MEASURES

4.1 Description of first aid measures

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

4.2 Most important symptoms and effects, both acute and delayed

Get medical attention if symptoms persist.

4.3 Indication of any immediate medical attention and special treatment needed

Never give liquid to an unconscious person.

5 FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Water, CO2 or Foam
Extinguishing media to avoid
Avoid water in straight hose stream; will scatter and spread fire.

5.2 Special hazards arising from the substance or mixture

Avoid breathing dust or vapor.
Cool containers exposed to flames with water until well after the fire is out.

5.3 Advice for firefighters

No specific precautions.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Contain spillages with sand, earth or any suitable adsorbent material.

6.2 Environmental precautions

There must be no release into the environment.

6.3 Methods and materials for containment and cleanup procedure

Collect with non-combustible absorbent material. Flush with water. Dike for large spills.

6.4 Reference to other sections

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See Section 8 of the SDS for Personal Protective Equipment.
For waste disposal, see section 13 of the SDS.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

7.1.1 Protective measures

Keep strict control of dust accumulation to a minimum.
Maintain adequate local and general ventilation where product is handled.
Avoid any sources of ignition.

7.1.2 Advice on general occupational hygiene

Good personal washing routines should be followed

7.2 Condition for safe storage, including any incompatibilities

Keep only in the original container in an appropriate place.

7.3 Specific end use(s)

No specific precautions.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Component	CAS	Concentration limit	OEL (ppm)
LIMONENES	138-86-3	>= 20 % - 50 %	30 (AIHA)

8.2 Exposure controls

8.2.1 Environmental exposure controls

Discharge, treatment, or disposal may be subject to national, state, or local laws.

8.2.2 Personal protective equipment (ppe)

Respiratory protection: In case of inadequate ventilation use suitable respirator.

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Eye protection: Wear goggles/face shield.

Hand protection: Gloves.

Skin protection: Wear suitable protective clothing. Provide adequate ventilation if fumes or vapors are generated.

[x] 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- Physical State: LIQUID
- Color: From YELLOW to DARK ORANGE
- Odor: Characteristic
- pH: No data available.
- Melting point (°C): No data available.
- Boiling point (°C): No data available.
- Flash point (°F): 135.96 °F (57.7°C)
- Evaporation Rate: No data available.
- Flammability (solid, gas): No data available.
- Upper/lower limit on flammability or explosive limits: No data available.
- Vapor pressure: No data available.
- Vapor Density: No data available.
- Specific Gravity: 1.0318 / 1.0418
- Solubility: No data available.
- Log Pow (n-Octanol/Water Partition Coefficient): No data available.
- Auto Ignition Temp. (°C): No data available.
- Decomposition temperature (°C): No data available.
- Viscosity at 40°C: No data available.
- Explosive properties: No data available.
- Oxidizing properties: No data available.

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- Vapor pressure at 20°C: No data available.
- Vapor pressure at 50°C: No data available.

9.2 Other information

No other information noted.

10 STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No data available.

[x] 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

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Product Information

LD50 Dermal(mg/kg)	> 5000 (Calculated)
LD50 Oral(mg/kg)	> 5000 (Calculated)
CL50 Inhalation - vapor(mg/l)	> 100 (Calculated)

11.2 Other toxicological data information

This product has not been subject to toxicological testing as an entity. According to available data on the constituents, the health classification criteria are met.

11.3 Information about carcinogens

NTP: None

IARC: None

OSHA: None

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Product Information

Toxicity Fish	: No data available.
Toxicity Alga	: No data available.
Toxicity Water Flea	: No data available.
Toxicity Rat	: No data available.

12.2 Persistence and degradability

Biodegradability	: No data available.
Hydrosolubility	: No data available.
Comments	: None

12.3 Other eco-toxicological information

This product has not been subject to eco-toxicological testing as an entity. According to available data on the constituents, the environment classification criteria are met.

Log Pow (n-Octanol/Water Partition Coefficient)	: No data available.
Bio Concentration Factor	: No data available.

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Bioaccumulative potential : No data available.
Mobility in soil : No data available.
Other adverse effects : No data available.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not release into the environment. Confirm disposal procedures with environmental engineer and local regulations.

13.2 Other information

Always keep original label(s) on empty recipients (drums/pails).

[x] 14 TRANSPORT INFORMATION

DOT (Exceptions may apply)

UN number : 1266
Transportation name United Nations : PERFUMERY PRODUCTS
Danger class(es) for transport : Classe 3 : FLAMMABLE LIQUIDS
Packaging group : III
Environmental dangers : Yes.

IATA

UN number : 1266
Transportation name United Nations : PERFUMERY PRODUCTS
Danger class(es) for transport : Classe 3 : FLAMMABLE LIQUIDS
Packaging group : III
Environmental dangers : Yes.

IMDG

UN number : 1266
Transportation name United Nations : PERFUMERY PRODUCTS
Danger class(es) for transport : Classe 3 : FLAMMABLE LIQUIDS
Packaging group : III
Environmental dangers : Yes.
Marine pollutants : P - pollutant

15 REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: No recommendation given

[x] 16 Other information

16.1 Entire text of the H and P phrases mentioned in chapters 2 and 3:

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H226	Flammable liquid and vapor.
H227	Combustible liquid.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P281	Use personal protective equipment as required.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P201	Obtain special instructions before use.
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P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P272	Contaminated work clothing should not be allowed out of the workplace.

16.2 Abbreviation and acronyms

CAS: Chemical Abstracts Service

CO2: Carbon dioxide

LD50: Lethal dose 50

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NTP: National Toxicology program
IARC: International Agency for Research on Cancer
OSHA: Occupational Safety and Health Administration
UN: United Nations
IMDG : International Maritime Dangerous Goods
IATA : International Air Transport Association

16.3 Key literature references and sources for data

This Safety Data Sheet has been prepared in accordance with the Hazard Communication Standard (HCS) and its amendments, promulgated by the US Occupational Safety and Health Administration (OSHA) – 29 CFR 1900.1200. We cannot be held responsible in the event of improper usage of this product. It is up to the user to analyse the information given and to determine appropriate handling conditions for the safe use of this product. It is the user's liability to conform to all local, national, and international regulations that apply to its activities. This automatically generated safety data sheet is valid without signature.

The information provided is correct to the best of our knowledge, information and belief at the date of its publication. The information is provided as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not 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 the text.