



1825901 TANGERINE FLAVOR, NATURAL

Safety Data Sheet

GHS classification and SDS in accordance with Regulation 29 CFR 1910.1200 [HCS]

Revision date: May 27, 2020

Supersedes: March 27, 2020

Version 3.0

SECTION 1. Identification of the product and of the supplier

1.1. Product identifier

Product name : 1825901 TANGERINE FLAVOR, NATURAL

1.2. Other means of identification

Synonyms : No information available.

CAS number(s) : No information available.

EC number(s) : No information available.

1.3. Recommended and restricted uses

Recommended : Flavoring agent.

Restricted : Not meant to be ingested neat.

1.4. Supplier details

Name : CALLISONS

Address : 2400 Callison Road NE, Lacey, WA 98516, USA

Phone number : (360) 412-3340

Fax number : (360) 412-3345

E-mail : sdsinquiry@callisons.com

1.5. Emergency telephone number

Name : CHEMTREC

Phone number : 1-800-424-9300

SECTION: 2. Hazards identification

2.1. Classification

Regulation 29 CFR 1910.1200 : Flammable Liquid, Category 2
Serious Eye Damage/Irritation, Category 2A

2.2. Label elements

Pictogram(s) :



Signal word : **DANGER**

Hazard statement(s) : HIGHLY FLAMMABLE LIQUID AND VAPOR
CAUSES SERIOUS EYE IRRITATION

Precautionary statement(s) : Keep away from flames and hot surfaces – No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Wear protective gloves, eye/face protection, and protective clothing.
Wash hands thoroughly after handling.
IF ON SKIN (or hair): Take off immediately all contaminated clothing Rinse skin with water (or shower).
IN CASE OF FIRE: Use carbon dioxide (CO₂), dry chemical powder, foam to extinguish.
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.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container to comply with applicable local/regional/national/international regulations.

2.3. Hazards not otherwise classified (HNOC)

Hazards : No information available.

2.4. Unknown toxicity

Unknown toxicity : Not applicable.

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SECTION 3: Composition/information on ingredients

3.1. Main hazardous component(s)

Name	Identifier	%	Classification according to Regulation 29 CFR 1910.1200
Proprietary Blend (The specific chemical identity is being withheld as trade secret)	CAS #: Not applicable	100	Flammable Liquid, Category 2 Serious Eye Damage/Irritation, Category 2A

SECTION: 4. First aid measures

4.1. Necessary first aid measures

- After inhalation : Remove victim to fresh air. If not breathing, give artificial respiration. In case of breathing difficulties, administer oxygen. Seek medical attention immediately.
- After skin contact : After contact with skin, wash immediately with plenty of water and soap. Remove all contaminated clothing and footwear. If skin irritation persists, seek medical attention.
- After eye contact : Rinse immediately and thoroughly, pulling the eyelids away from eyes (15 minutes minimum). Remove contact lenses, if present and easy to do. Continue rinsing. In all cases of doubt, or when symptoms persist, seek medical advice.
- After ingestion : Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Seek medical advice.

4.2. Important symptoms/effects

- Acute : Eye irritation may occur.
- Delayed : No information available.

4.3. Immediate medical attention and special treatment needed

- Medical attention : No information available.
- Special treatment : No information available.

SECTION: 5. Firefighting measures

5.1. Extinguishing media

- Suitable : Carbon dioxide (CO₂), dry chemical powder, foam.
- Unsuitable : If water must be used, use as a spray only.

5.2. Specific hazards arising from the chemical

- Hazards : When heated to decomposition, emits acrid smoke and irritating fumes.

5.3. Protective equipments and precautions for firefighters

- Personal protective equipment (PPE) : Wear proper protective equipment. Extra personal protection: complete protective clothing including self-contained breathing apparatus.
- Precautions : Cool down the containers exposed to heat with a water spray. Spray suitable extinguishing media directly at base of flame.

SECTION: 6. Accidental release measures

6.1. Personal protection

- Personal precautions : Avoid contact with skin and eyes. Do not breathe gas/vapor. Ensure adequate ventilation.
- PPE : Wear suitable protective clothing, gloves, and eye/face protection.
- Emergency procedures : Eliminate ignition sources. Evacuate unnecessary personnel.

6.2. Methods and materials for containment and cleaning up

- Methods : Stop leak if safe to do so. Contain and/or absorb spill with inert material, then place in suitable and labelled containers and dispose according to local legislation.
- Materials : Inert material (sand, vermiculite, or other appropriate material) and suitable container(s).

SECTION: 7. Handling and storage

7.1. Precautions for safe handling

- Precautions : Keep away from open flames, hot surfaces, and sources of ignition. Only those quantities absolutely necessary for the work to proceed are to be kept at the workplace. Any quantities remaining must not be returned to the storage container.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin and eyes. Wash hands thoroughly after handling. Remove all contaminated clothing and footwear. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

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7.2. Conditions for safe storage

Storage conditions	:	Store tightly closed in a dry, cool, and well-ventilated place. Store in original container.
Incompatible products	:	Strong oxidizing agents. Strong bases.
Incompatible materials	:	Flammable and combustible materials.
Storage temperature	:	This product is not temperature sensitive between the ranges of 10-25°C.

SECTION: 8. Exposure controls/personal protection

8.1. Exposure limit values

Name	Identifier	Agency	Test	Limit
Ethyl Alcohol	64-17-5	OSHA	TWA	1,900 mg/m ³
Ethyl Alcohol	64-17-5	ACGIH	TWA	1,900 mg/m ³

8.2. Appropriate engineering controls

Engineering controls	:	Ensure adequate ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
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8.3. Personal protective equipment (PPE)

PPE :



Hand protection	:	Wear suitable protective gloves.
Eye protection	:	Wear suitable protective goggles.
Skin and body protection	:	Wear suitable protective clothing.
Respiratory protection	:	An approved organic vapor respirator/supplied air or self-contained breathing apparatus must be used when vapor concentration exceeds applicable exposure limits.

SECTION: 9. Physical and chemical properties

9.1. Physical and chemical properties

Physical state	:	Liquid	Flammability/explosive limits	:	No information available
Color	:	Colorless to pale yellow	Vapor pressure	:	No information available
Odor	:	Characteristic	Vapor density	:	No information available
Odor threshold	:	No information available	Relative density	:	0.8160 @ 25 °C
pH	:	No information available	Solubility(ies)	:	Water: Soluble
Melting/freezing point	:	No information available	Partition coefficient: n-octanol/water	:	No information available
Initial boiling point	:	76 °C	Auto-ignition temperature	:	No information available
Flash point	:	18 °C	Decomposition temperature	:	No information available
Evaporation rate	:	No information available	Viscosity	:	No information available
Flammability (solid, gas)	:	No information available			

9.2. Other properties

Other properties	:	No information available.
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SECTION: 10. Stability and reactivity

10.1. Reactivity

Reactivity	:	Stable under normal conditions of use.
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10.2. Chemical stability

Chemical stability	:	Stable under normal conditions of use.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	:	Stable under normal conditions of use.
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10.4. Conditions to avoid

Conditions to avoid	:	Heat, open flame, sparks, hot surfaces, ignition sources, elevated temperature.
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10.5. Incompatible materials

Incompatible materials	:	Flammable and combustible materials, strong oxidizing agents, strong acids and bases.
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10.6. Hazardous decomposition products

Decomposition products : When heated to decomposition, emits acrid smoke and irritating fumes.

SECTION: 11. Toxicological information

11.1. Information on the likely routes of exposure

Inhalation : May cause irritation to the respiratory tract.
Ingestion : May be harmful if swallowed.
Skin contact : May cause skin irritation.
Eye contact : Causes serious eye irritation.

11.2. Symptoms related to physical, chemical and toxicological characteristics

Physical : No information available.
Chemical : No information available.
Toxicological : No information available.

11.3. Effects from short and long term exposure

Immediate : Serious eye irritation may occur.
Delayed : No information available.
Chronic : No information available.

11.4. Numerical measures of toxicity

Oral ATE (rat) : > 5,000 mg/kg
Dermal ATE : Not classified.
Inhalation ATE : Not classified.

11.5. Carcinogenic component(s)

NTP report on carcinogens : Not classified.
IARC monographs : Not classified.
OSHA : Not classified.

SECTION: 12. Ecological information

12.1 Ecotoxicity

Aquatic : No information available.
Terrestrial : No information available.

12.2. Persistence and degradability

Persistence : No information available.
Degradability : No information available.

12.3. Bioaccumulative potential

Bioaccumulative potential : No information available.

12.4. Mobility in soil

Mobility in soil : No information available.

12.5. Other adverse effects

Other adverse effects : No information available.

SECTION: 13. Disposal considerations

13.1. Waste treatment methods

Methods : Dispose of contents/container to comply with applicable local, national, and international regulations.

SECTION: 14. Transport information

14.1. Special precautions

US DOT NA number : 1197
US DOT proper shipping name : Extracts, Flavouring, Liquid
US DOT transport hazard class(es) : 3
US DOT packing group : II

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SECTION: 15. Regulatory information

15.1. US restrictions

Name	Identifier	Regulation / restriction
None identified.		

15.2. Other restrictions

Name	Identifier	Regulation / restriction
None identified.		

SECTION: 16. Other information

16.1. General SDS information

Revision date : May 27, 2020
Indication of changes : Updated product name
Sources of key data : SDS
Sax's Dangerous Properties of Industrial Materials, 12th Ed.

16.2. Full text

ATE	: Acute Toxicity Estimate	NTP	: National Toxicity Program
CAS	: Chemical Abstract Service	OSHA	: Occupational Safety and Health Administration
CFR	: Code of Federal Regulations	PEL	: Permissible Exposure Level
DOT	: Department Of Transportation	PPE	: Personal Protective Equipment
EC	: European Community	SDS	: Safety Data Sheet
GHS	: Globally Harmonized System	SDS	: Safety Data Sheet
HCS	: Hazard Communication Standard	TLV	: Threshold Limit Value
HMIS	: Hazardous Materials Identification System	TWA	: Time Weighted Average
HNOC	: Hazard Not Otherwise Classified	UN	: United Nations
IARC	: International Agency for Research on Cancer		

16.3. HMIS III rating

Health hazard : 1
Flammability : 3
Physical Hazard : 0

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his/her activity. It is the sole responsibility of the user to take all precautions required in handling the product. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his/her responsibility. The information provided in this data sheet was obtained from current, reputable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness, accuracy and completeness. It is the user's responsibility both to determine safe conditions for the use of the above listed product and to assume liability for loss, injury, damage or expense resulting from improper use or application of this product.

-End of Safety Data Sheet-