



Safety Data Sheet

Spartan Chemical Company, Inc.

Revision Date: 01-May-2023

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: CITRUS MANGO SOLID AIR
Product Number: 8090
Recommended Use: Air freshener
Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier: Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, Ohio 43537 USA
800-537-8990 (Business hours)
www.spartanchemical.com

24 Hour Emergency Phone Numbers:

Medical Emergency/Information: 888-314-6171
Transportation/Spill/Leak: CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Sensitization: Category 1B

GHS Label Elements

Signal Word:

Warning

Symbols:



Hazard Statements:

May cause an allergic skin reaction

Precautionary Statements:

Prevention:

Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves

Response:

-Skin

IF ON SKIN: Wash with plenty of soap and water If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.

-Specific Treatment:

See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Storage:

Not Applicable

Disposal:

Dispose of contents and container in accordance with local, state and federal regulations.

Hazards Not Otherwise Classified: Not Applicable

Other Information:

- May be harmful if swallowed
- May cause skin irritation.
- May cause eye irritation
- Keep out of reach of children

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Ethylene/Va copolymer	24937-78-8	60-100
Benzyl Benzoate	120-51-4	5-10
Phenoxyethyl Isobutyrate	103-60-6	1-5
Hexahydro-Methanoindenyl Propionate	68912-13-0	1-5
Gamma-Undecalactone	104-67-6	1-5
Fructose	6413-10-1	1-5
Ethylene Brassylate	105-95-3	1-5
Linalool	78-70-6	1-5
Terpineol Acetate	8007-35-0	0.1-1
Terpineol	98-55-5	0.1-1
Nerolin Bromelia	93-18-5	0.1-1
Methylbenzyl Acetate	93-92-5	0.1-1
Hexyl Cinnamal	101-86-0	0.1-1
Gamma-Decalactone	706-14-9	0.1-1
Diethyl Malonate	105-53-3	0.1-1
Cyclamen Aldehyde	103-95-7	0.1-1
Citral	5392-40-5	0.1-1
Benzyl Propionate	122-63-4	0.1-1
Benzyl Acetate	140-11-4	0.1-1
Linalyl Acetate	115-95-7	0.1-1
Ethyl Methylphenylglycidate	77-83-8	0.1-1
3a,4,5,6,7,7a-Hexahydro-4,7-Methano-1H-Indenyl Acetate	54830-99-8	0.1-1
2,6-Dimethyl-7-Octen-2-ol	18479-58-8	0.1-1
Eucalyptol	470-82-6	<0.1
Dimethyltetrahydro Benzaldehyde	68737-61-1	<0.1
Limonene	5989-27-5	<0.1

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

-Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
-Skin Contact:	Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.
-Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
-Ingestion:	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.
Note to Physicians:	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire
Specific Hazards Arising from the Chemical:	Dried product is capable of burning. Combustion products are toxic.
Hazardous Combustion Products:	May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
Protective Equipment and Precautions for Firefighters:	Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
Environmental Precautions:	Do not rinse spill onto the ground, into storm sewers or bodies of water.
Methods for Clean-Up:	Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

Advice on Safe Handling:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
Storage Conditions:	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
Citral 5392-40-5	TWA: 5 ppm inhalable fraction and vapor S*	-	-
Benzyl Acetate 140-11-4	TWA: 10 ppm	-	-

Engineering Controls:	Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.
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Personal Protective Equipment

Eye/Face Protection:	Not required with expected use.
Skin and Body Protection:	Wear rubber or other chemical-resistant gloves.
Respiratory Protection:	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.

General Hygiene Considerations:	Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State:	Solid
Color:	Orange
Odor:	Citrus fragrance
pH:	Not Applicable
Melting Point / Freezing Point:	60 °C / 140 °F
Boiling Point / Boiling Range:	100 °C / 212 °F
Flash Point:	> 100 °C / > 212 °F ASTM D56
Evaporation Rate:	< 1 (BuAc = 1)
Flammability (solid, gas)	No information available
Upper Flammability Limit:	No information available
Lower Flammability Limit:	No information available
Vapor Pressure:	No information available
Vapor Density:	No information available
Specific Gravity:	1.00
Solubility(ies):	No information available
Partition Coefficient:	No information available
Autoignition Temperature:	No information available
Decomposition Temperature:	No information available
Viscosity:	No information available

10. STABILITY AND REACTIVITY

Reactivity:	This material is considered to be non-reactive under normal conditions of use.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	Not expected to occur with normal handling and storage.
Conditions to Avoid:	Extremes of temperature and direct sunlight.
Incompatible Materials:	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products:	May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure:	
-Eye Contact:	Pain and redness.
-Skin Contact:	Drying of the skin. May cause sensitization by skin contact
-Inhalation:	Nasal discomfort and coughing.
-Ingestion:	Pain, nausea, vomiting and diarrhea.
Immediate, Delayed, Chronic Effects	
Product Information:	Data not available or insufficient for classification.

Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

ATEmix (oral):	5547 mg/kg
ATEmix (dermal):	45570 mg/kg

Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl Benzoate 120-51-4	= 500 mg/kg (Rat)	= 4000 mg/kg (Rabbit)	Not Available
Phenoxyethyl Isobutyrate 103-60-6	> 5 g/kg (Rat)	Not Available	Not Available
Gamma-Undecalactone 104-67-6	= 18500 mg/kg (Rat)	Not Available	Not Available
Linalool 78-70-6	= 2790 mg/kg (Rat)	Not Available	Not Available
Terpineol 98-55-5	= 5170 mg/kg (Rat)	Not Available	Not Available
Nerolin Bromelia 93-18-5	= 3110 mg/kg (Rat)	Not Available	Not Available
Methylbenzyl Acetate 93-92-5	> 5 g/kg (Rat)	Not Available	Not Available
Hexyl Cinnamal 101-86-0	= 3100 mg/kg (Rat)	> 3000 mg/kg (Rabbit)	> 5 mg/L (Rat) 4 h
Cyclamen Aldehyde 103-95-7	= 3810 mg/kg (Rat)	Not Available	Not Available
Citral 5392-40-5	= 4960 mg/kg (Rat)	= 2250 mg/kg (Rabbit)	Not Available
Benzyl Acetate 140-11-4	= 2490 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	Not Available
Linalyl Acetate 115-95-7	= 14550 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	Not Available
Ethyl Methylphenylglycidate 77-83-8	= 5470 mg/kg (Rat)	Not Available	Not Available
2,6-Dimethyl-7-Octen-2-ol 18479-58-8	= 3600 mg/kg (Rat)	> 5 g/kg (Rabbit)	Not Available
Eucalyptol 470-82-6	= 2480 mg/kg (Rat)	Not Available	Not Available
Limonene 5989-27-5	= 5200 mg/kg (Rat) = 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	Not Available

Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Linalool 78-70-6	88.3: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50	Not Available	Not Available	20: 48 h <i>Daphnia magna</i> mg/L EC50
Gamma-Decalactone 706-14-9	Not Available	17.1 - 19: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through	Not Available	Not Available
Citral 5392-40-5	16: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 19: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50	Not Available	Not Available	7: 48 h <i>Daphnia magna</i> mg/L EC50
Eucalyptol 470-82-6	Not Available	95.4 - 109: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through	Not Available	Not Available
Limonene 5989-27-5	Not Available	0.619 - 0.796: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 35: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50	Not Available	Not Available

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects: No information available

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Dispose of in accordance with federal, state and local regulations.

Contaminated Packaging: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT: Not Regulated

Proper Shipping Name: Non Hazardous Product

Special Provisions: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

IMDG: Not Regulated

Proper Shipping Name: Non Hazardous Product

15. REGULATORY INFORMATION

TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313

This product does not contain listed substances above the "de minimus" level

SARA 311/312 Hazard Categories

Acute Health Hazard: Yes

Chronic Health Hazard: No

Fire Hazard: No

Sudden release of pressure hazard: No

Reactive Hazard: No

California Proposition 65

This product is not subject to warning requirements under California Proposition 65.

16. OTHER INFORMATION

NFPA	Health Hazards: 1	Flammability: 0	Instability: 0	Special: N/A
HMIS	Health Hazards: 1*	Flammability: 0	Physical Hazards: 0	

Revision Date: 01-May-2023
Reasons for Revision: New product

Disclaimer:

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet