



# Safety Data Sheet

## Spartan Chemical Company, Inc.

Revision Date: 09-Feb-2024

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identifier

**Product Name:** AIRLIFT LEMON SCENT (BULK CONCENTRATE)  
**Product Number:** 3020  
**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](http://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 Corrosion/Irritation: Category 2  
Serious Eye Damage/Eye Irritation: Category 1  
Skin Sensitization: Category 1A  
Flammable Liquids: Category 3

#### GHS Label Elements

**Signal Word:**

**Danger**

**Symbols:**



**Hazard Statements:**

Causes skin irritation  
Causes serious eye damage  
May cause an allergic skin reaction  
Flammable liquid and vapor.

#### Precautionary Statements:

**Prevention:**

Avoid breathing dust/fume/gas/mist/vapors/spray  
Wear protective gloves  
Wear eye / face protection  
Wash hands and any exposed skin thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Keep container tightly closed  
Ground container and receiving equipment.  
Use explosion-proof electrical equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge

**Response:**

**-Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

	present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
<b>-Skin</b>	IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water or shower. If skin irritation or rash occurs: Get medical attention.
<b>-Specific Treatment:</b>	See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.
<b>Fire:</b>	Dry chemical, Carbon dioxide, Water spray (fog), Alcohol resistant foam, for extinction
<b>Storage:</b>	Store in a well-ventilated place. Keep cool
<b>Disposal:</b>	Dispose of contents and container in accordance with local, state and federal regulations.
<b>Hazards Not Otherwise Classified:</b>	Not Applicable
<b>Other Information:</b>	<ul style="list-style-type: none"> <li>• May be harmful if swallowed</li> <li>• Inhalation of vapors or mist may cause respiratory irritation.</li> <li>• Keep out of reach of children</li> </ul>

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	60-100
C9-11 Alcohols Ethoxylated	68439-46-3	1-5
Isopropyl Alcohol	67-63-0	1-5
Limonene	5989-27-5	1-5
Alkyl C12-16 Dimethylbenzyl Ammonium Chloride	68424-85-1	1-5
Fragrance	PROPRIETARY	0.1-1
Terpineol Acetate	8007-35-0	0.1-1
Terpineol	98-55-5	0.1-1
Gamma-Terpinene	99-85-4	0.1-1
Pinene	80-56-8	<0.1
Terpinolene	586-62-9	<0.1
Citronellal	106-23-0	<0.1
Citronellol	106-22-9	<0.1
Isobornyl Acetate	125-12-2	<0.1
Linalool	78-70-6	<0.1
Benzyl Benzoate	120-51-4	<0.1
Citral	5392-40-5	<0.1
Geraniol	106-24-1	<0.1
Eugenol	97-53-0	<0.1
p-Cymene	99-87-6	<0.1
Methyl Anthranilate	134-20-3	<0.1
Nerol	106-25-2	<0.1
Coumarin	91-64-5	<0.1
Myrcene	123-35-3	<0.1
Vanillin	121-33-5	<0.1
Hexamethylindanopyran	1222-05-5	<0.1
Methyl Salicylate	119-36-8	<0.1
Acid Yellow 36	587-98-4	<0.1

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

### 4. FIRST AID MEASURES

<b>-Eye Contact:</b>	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
<b>-Skin Contact:</b>	Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical attention.
<b>-Inhalation:</b>	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:** Dry chemical. Carbon dioxide. Water spray (fog). Alcohol resistant foam. Move containers from fire area if you can do it without risk.  
**Specific Hazards Arising from the Chemical:** Vapors may travel to areas away from work site before igniting/flashing back to vapor source.  
**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:** Remove all sources of ignition. 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 away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational Exposure Limits:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
Isopropyl Alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>
Pinene 80-56-8	TWA: 20 ppm	-	-
Citral 5392-40-5	TWA: 5 ppm inhalable fraction and vapor S*	-	-

**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.

### Personal Protective Equipment

#### Eye/Face Protection:

Wear splash goggles.

#### 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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance/Physical State:</b>	Liquid
<b>Color:</b>	Yellow
<b>Odor:</b>	Lemon
<b>pH:</b>	6.0-8.0
<b>Melting Point / Freezing Point:</b>	No information available
<b>Boiling Point / Boiling Range:</b>	> 48 °C / 118 °F
<b>Flash Point:</b>	48 °C / 118 °F Pensky-Martens Closed Cup (PMCC)
<b>Evaporation Rate:</b>	< 1 (BuAc = 1)
<b>Flammability (solid, gas)</b>	No information available
<b>Upper Flammability Limit:</b>	No information available
<b>Lower Flammability Limit:</b>	No information available
<b>Vapor Pressure:</b>	No information available
<b>Vapor Density:</b>	No information available
<b>Specific Gravity:</b>	1.00
<b>Solubility(ies):</b>	Soluble in water
<b>Partition Coefficient:</b>	No information available
<b>Autoignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Viscosity:</b>	No information available

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

<b>Likely Routes of Exposure:</b>	Eyes, Skin, Ingestion, Inhalation.
<b>Symptoms of Exposure:</b>	
<b>-Eye Contact:</b>	Pain, redness, swelling of the conjunctiva and tissue damage. Eye contact may cause permanent damage.
<b>-Skin Contact:</b>	Pain, redness and cracking of the skin.
<b>-Inhalation:</b>	Nasal discomfort and coughing.
<b>-Ingestion:</b>	Pain, nausea, vomiting and diarrhea.
<b>Immediate, Delayed, Chronic Effects</b>	
<b>Product Information:</b>	Data not available or insufficient for classification.
<b>Target Organ Effects:</b>	-Eyes. Respiratory System. -Skin.
<b>Numerical Measures of Toxicity</b>	
The following acute toxicity estimates (ATE) are calculated based on the GHS document.	
ATEmix (oral):	16570 mg/kg
ATEmix (dermal):	18991 mg/kg
ATEmix (inhalation-dust/mist):	27.6 mg/l
ATEmix (inhalation-vapor):	708 mg/l

### Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	Not Available	Not Available
C9-11 Alcohols Ethoxylated 68439-46-3	= 1400 mg/kg ( Rat )	Not Available	Not Available
Isopropyl Alcohol 67-63-0	= 1870 mg/kg ( Rat )	= 4059 mg/kg ( Rabbit )	= 72600 mg/m <sup>3</sup> ( Rat ) 4 h

Limone 5989-27-5	= 5200 mg/kg ( Rat ) = 4400 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	Not Available
Alkyl C12-16 Dimethylbenzyl Ammonium Chloride 68424-85-1	= 426 mg/kg ( Rat )	Not Available	Not Available
Terpineol 98-55-5	= 5170 mg/kg ( Rat )	Not Available	Not Available
Gamma-Terpinene 99-85-4	= 3650 mg/kg ( Rat )	Not Available	Not Available
Pinene 80-56-8	= 3700 mg/kg ( Rat )	> 5000 mg/kg ( Rat )	Not Available
Terpinolene 586-62-9	= 4390 mg/kg ( Rat )	Not Available	Not Available
Citronellal 106-23-0	= 2420 mg/kg ( Rat )	Not Available	Not Available
Citronellol 106-22-9	= 3450 mg/kg ( Rat )	= 2650 mg/kg ( Rabbit )	Not Available
Isobornyl Acetate 125-12-2	= 9050 mg/kg ( Rat )	> 20000 mg/kg ( Rabbit )	Not Available
Linalool 78-70-6	= 2790 mg/kg ( Rat )	Not Available	Not Available
Benzyl Benzoate 120-51-4	= 500 mg/kg ( Rat )	= 4000 mg/kg ( Rabbit )	Not Available
Citral 5392-40-5	= 4960 mg/kg ( Rat )	= 2250 mg/kg ( Rabbit )	Not Available
Geraniol 106-24-1	= 3600 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	Not Available
Eugenol 97-53-0	= 1930 mg/kg ( Rat )	Not Available	Not Available
p-Cymene 99-87-6	= 4750 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	> 9.7 mg/L ( Rat ) 5 h
Methyl Anthranilate 134-20-3	= 2910 mg/kg ( Rat )	Not Available	Not Available
Nerol 106-25-2	= 4500 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	Not Available
Coumarin 91-64-5	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	Not Available
Myrcene 123-35-3	> 5 g/kg ( Rat )	> 5 g/kg ( Rabbit )	Not Available
Vanillin 121-33-5	= 1580 mg/kg ( Rat )	> 5010 mg/kg ( Rabbit )	Not Available
Hexamethylindanopyran 1222-05-5	> 3250 mg/kg ( Rat )	> 3250 mg/kg ( Rabbit )	Not Available
Methyl Salicylate 119-36-8	= 887 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	Not Available
Acid Yellow 36 587-98-4	= 5000 mg/kg ( Rat )	Not Available	Not Available

**Carcinogenicity:** No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA The table below indicates whether each agency has listed any ingredient as a carcinogen

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Isopropyl Alcohol 67-63-0	1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flow-through 11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50	Not Available	13299: 48 h Daphnia magna mg/L EC50
Limone 5989-27-5	Not Available	0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50	Not Available	Not Available

Pinene 80-56-8	Not Available	0.28: 96 h Pimephales promelas mg/L LC50 static	Not Available	41: 48 h Daphnia magna mg/L LC50
Isobornyl Acetate 125-12-2	Not Available	10.0 - 18.0: 96 h Brachydanio rerio mg/L LC50 static	Not Available	Not Available
Linalool 78-70-6	88.3: 96 h Desmodemus subspicatus mg/L EC50	Not Available	Not Available	20: 48 h Daphnia magna mg/L EC50
Citral 5392-40-5	16: 72 h Desmodemus subspicatus mg/L EC50 19: 96 h Desmodemus subspicatus mg/L EC50	Not Available	Not Available	7: 48 h Daphnia magna mg/L EC50
Vanillin 121-33-5	Not Available	53 - 61.3: 96 h Pimephales promelas mg/L LC50 flow-through 88: 96 h Pimephales promelas mg/L LC50 static 57: 96 h Pimephales promelas mg/L LC50 semi-static	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:**

**UN/ID No:** UN1993

**Hazard Class:** 3

**Packing Group:** III

**Special Provisions:** Class 3, Packing Group III materials meet the exception requirements of section 49 CFR 173.150 when individual containers of not more than 1.3 gallons are packed in a strong outer packaging and ground transportation is utilized. Such containers may be reclassified as "Limited Quantity".

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.

**UN/ID No:** UN1993

**Proper Shipping Name:** Flammable liquids, n.o.s., (contains Isopropyl Alcohol)

**Hazard Class:** 3

**Packing Group:** III

### 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 contains the following listed substances:

**SARA 311/312 Hazard Categories**

**Acute Health Hazard:** Yes

**Chronic Health Hazard:** No

**Fire Hazard:** Yes

**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**

<b>NFPA</b>	<b>Health Hazards: 3</b>	<b>Flammability: 2</b>	<b>Instability: 0</b>	<b>Special: N/A</b>
<b>HMIS</b>	<b>Health Hazards: 2*</b>	<b>Flammability: 2</b>	<b>Physical Hazards: 0</b>	

**Revision Date:** 09-Feb-2024  
**Reasons for Revision:** Section, 2, 3, 5, 8, 11, 12, 16

**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**