



Issue date 07-May-2019

# Safety Data Sheet

Version 2

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Product Identifier

**Product name** CHAMPION SPRAYON LEMON ZEST AIR FRESHENER  
**Chemical name** 7-7988-2

### Other means of identification

**Product code** FG 438-5325-3  
**Synonyms** Air deodorizer

### Recommended use of the chemical and restrictions on use

**Recommended Use** Room Deodorizer.  
**Uses advised against** Avoid spraying directly on varnished or painted surfaces.

### Details of the supplier of the safety data sheet

|                         |                             |
|-------------------------|-----------------------------|
| <b>Supplier Address</b> | <b>Manufacturer Address</b> |
| Chase Products Co.      | Chase Products Co.          |
| 2727 Gardner Road       | 2727 Gardner Road           |
| Broadview, IL 60155     | Broadview, IL 60155         |
| 708-865-1000            | 708-865-1000                |

### Emergency Telephone Number

**Company Phone Number** 708-865-1000  
**24 Hour Emergency Phone Number** 1-800-255-3924  
**Emergency telephone** ChemTel 1-800-255-3924

## 2. Hazards Identification

### Classification

|                      |               |
|----------------------|---------------|
| FLAMMABLE AEROSOLS   | Category 2    |
| Gases Under Pressure | liquefied gas |

### Label Elements

#### EMERGENCY OVERVIEW

#### Warning

#### hazard statements

Flammable Aerosol  
Contains gas under pressure; may explode if heated



The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** liquid

**Physical State** Aerosol

**Odor** Perfumed.

**Precautionary Statements - Prevention**

Keep away from heat, sparks, open flames and hot surfaces. — No smoking  
Do not spray on an open flame or other ignition source  
Pressurized container: Do not pierce or burn, even after use

**Precautionary Statements - Storage**

Protect from sunlight. Store in a well-ventilated place  
Do not expose to temperatures exceeding 122 °F (50 °C)

**Hazards not otherwise classified (HNOC)****Other Information**

-

**3. Composition/information on Ingredients**

**Common Name** Air Freshener.  
**Synonyms** Air deodorizer.  
**Chemical Family** MIXTURES.  
**Formula** 7-7988-2  
**Chemical nature** Aqueous perfumed solution.

| Chemical name | CAS No    | weight-% | Trade secret |
|---------------|-----------|----------|--------------|
| Water         | 7732-18-5 | 75-80    | *            |
| Propane       | 74-98-6   | 10-15    | *            |
| N-Butane      | 106-97-8  | 5-10     | *            |

Chemical Additions Hazardous components according to OSHA, are listed when present at 1% or greater. Carcinogenes are listed when present at 0.1% or greater.

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. First aid measures****FIRST AID MEASURES**

**Eye Contact** Flush from eyes with plenty of water. If irritation develops, consult a physician.  
**Skin contact** Wash skin with soap and water.  
**Inhalation** If overcome by vapor, move person to fresh air. Restore respiration if necessary. Get medical attention if injury develops.  
**Ingestion** Ingestion from an aerosol product is unlikely to occur.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** Acute, Deliberate inhalation of concentrated vapor or mist may cause headaches.  
Prolonged and repeated contact with the eyes may cause mild irritation.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** None needed.

**5. Fire-fighting measures****Suitable extinguishing media**

Dry chemical, CO2 or water spray.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

This product is under pressure. Water spray may be used to cool cans in the vicinity of fire or excessive heat to prevent the explosion of the cans.

**Hazardous combustion products** Thermal decomposition may release carbon monoxide and carbon dioxide.

**Explosion data**

**Sensitivity to Mechanical Impact** Contents under pressure, keep away from heat and open flame.

**Sensitivity to Static Discharge** Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use with adequate general or local exhaust ventilation.

**For emergency responders** Remove all sources of ignition.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

**Methods for cleaning up** Clean contaminated surface thoroughly.

## 7. Handling and Storage

**Precautions for safe handling**

**Advice on safe handling** Do not deliberately inhale vapor or spray mist. Avoid getting spray into eyes.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Store in a cool, dry place away from heat and open flame. Keep out of reach of children.  
**AEROSOL STORAGE LEVEL I (NFPA-30B) .**

**Incompatible Materials** Avoid heat, open flame and contact with strong oxidizers.

## 8. Exposure Controls/Personal Protection

**Control parameters**

**Exposure guidelines** See occupational exposure limits listed below.

| Chemical name        | ACGIH TLV                                                        | OSHA PEL                                                                                                         | NIOSH IDLH                                                     |
|----------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Propane<br>74-98-6   | : See Appendix F: Minimal<br>Oxygen Content, explosion<br>hazard | TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup> | IDLH: 2100 ppm<br>TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup> |
| N-Butane<br>106-97-8 | STEL: 1000 ppm explosion<br>hazard                               | (vacated) TWA: 800 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup>                                                  | IDLH: 1600 ppm<br>TWA: 800 ppm<br>TWA: 1900 mg/m <sup>3</sup>  |

**Appropriate engineering controls**

**Engineering controls** Use with adequate general or local exhaust ventilation.

**Individual protection measures, such as personal protective equipment**

**Eye/face Protection** Conventional eyeglasses to guard against splashing.

**Skin and Body Protection** Household type gloves, if desired.

**Respiratory protection** None required if used in a well-ventilated area .

**General hygiene considerations** None needed.

**9. Physical and Chemical Properties****Information on basic physical and chemical properties**

|                       |         |                       |                          |
|-----------------------|---------|-----------------------|--------------------------|
| <b>Physical State</b> | Aerosol | <b>Odor</b>           | Perfumed.                |
| <b>Appearance</b>     | liquid  | <b>Odor threshold</b> | No information available |
| <b>Color</b>          | White   |                       |                          |

| <u>Property</u>                     | <u>Values</u>                                                                                                                                                                                                                               | <u>Remarks • Method</u>  |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>pH</b>                           | 6-7                                                                                                                                                                                                                                         | No information available |
| <b>Melting point/freezing point</b> | Not applicable                                                                                                                                                                                                                              | No information available |
| <b>Boiling point/boiling range</b>  | Water 212 °F/100 °C                                                                                                                                                                                                                         | No information available |
| <b>Flash Point</b>                  | Not applicable. This is an aerosol product for which Flame Projection is 0 in. with 0 in flashback. Product was tested for Enclosed Space Ignition test and is a Category 2 flammable aerosol as defined under 29CFR 1910.122 Appendix B.3. | No information available |
| <b>Evaporation Rate</b>             | Faster than butyl acetate                                                                                                                                                                                                                   | No information available |
| <b>Flammability (solid, gas)</b>    |                                                                                                                                                                                                                                             | No information available |
| <b>Flammability Limits in Air</b>   |                                                                                                                                                                                                                                             | No information available |
| <b>Upper flammability limits</b>    | Not available                                                                                                                                                                                                                               |                          |
| <b>Lower Flammability Limit</b>     | Not available                                                                                                                                                                                                                               |                          |
| <b>Vapor pressure</b>               |                                                                                                                                                                                                                                             | No information available |
| <b>Vapor Density</b>                |                                                                                                                                                                                                                                             | No information available |
| <b>Relative Density</b>             | 0.99 -1.00 (concentrate)                                                                                                                                                                                                                    | No information available |
| <b>Water solubility</b>             |                                                                                                                                                                                                                                             | Soluble in water         |
| <b>Solubility in other solvents</b> |                                                                                                                                                                                                                                             | No information available |
| <b>Partition coefficient</b>        |                                                                                                                                                                                                                                             | No information available |
| <b>Autoignition Temperature</b>     |                                                                                                                                                                                                                                             | No information available |
| <b>Decomposition temperature</b>    |                                                                                                                                                                                                                                             | No information available |
| <b>Kinematic viscosity</b>          |                                                                                                                                                                                                                                             | No information available |
| <b>Dynamic viscosity</b>            |                                                                                                                                                                                                                                             | No information available |
| <b>Explosive properties</b>         | No information available                                                                                                                                                                                                                    |                          |
| <b>Oxidizing properties</b>         | No information available                                                                                                                                                                                                                    |                          |

**Other Information**

|                         |                          |
|-------------------------|--------------------------|
| <b>Softening point</b>  | No information available |
| <b>Molecular weight</b> | No information available |
| <b>VOC content (%)</b>  | 19.5%                    |
| <b>Density</b>          | 8.33 lb/gal              |
| <b>Bulk Density</b>     | No information available |

**10. Stability and Reactivity****Reactivity**

Not applicable

Not applicable

**Chemical stability**

Stable.

**Possibility of hazardous reactions**

Temperatures above 130 °F may cause cans to burst with force.

**hazardous polymerization**

Hazardous polymerization does not occur.

**Conditions to Avoid**

Temperatures above 122 °F (50 °C).

**Incompatible Materials**

Avoid heat, open flame and contact with strong oxidizers.

**Hazardous decomposition products**

Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

**11. Toxicological Information**

**Information on likely routes of exposure**

**Product Information**

This product has not been tested as whole. See below for information on ingredients.

**Inhalation**

No data available.

**Eye Contact**

No data available.

**Skin contact**

No data available.

**Ingestion**

No data available.

| Chemical name        | Oral LD50          | dermal LD50 | Inhalation LC50                    |
|----------------------|--------------------|-------------|------------------------------------|
| Water<br>7732-18-5   | > 90 mL/kg ( Rat ) | -           | -                                  |
| Propane<br>74-98-6   | -                  | -           | > 800000 ppm ( Rat ) 15 min        |
| N-Butane<br>106-97-8 | -                  | -           | = 658 g/m <sup>3</sup> ( Rat ) 4 h |

**Information on toxicological effects**

**Symptoms**

Deliberate inhalation of concentrated vapor or mist may cause headache, dizziness and nausea.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation**

None expected.

**Serious eye damage/eye irritation  
corrosivity**

May cause eye irritation with susceptible persons.

**sensitization**

Not applicable.

**Germ cell mutagenicity**

No a skin sensitizer.

**Carcinogenicity**

No information available.

Not known chronic effects based on available data. None of the ingredients present in excess of 0.1% are listed as carcinogenic by NTP, IARC or OSHA.

**Reproductive toxicity**

No information available.

**STOT - single exposure**

No information available.

**STOT - repeated exposure**

No information available.

**Aspiration Hazard**

Deliberate inhalation of concentrated vapor or mist may cause headache, dizziness and nausea.

**Numerical measures of toxicity - Product Information**

Unknown acute toxicity -

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (inhalation-gas) 1669380 mg/l

ATEmix (inhalation-vapor) 3374 mg/l

**12. Ecological Information****ecotoxicity**

6.1 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| Chemical name        | Partition coefficient |
|----------------------|-----------------------|
| Propane<br>74-98-6   | 2.3                   |
| N-Butane<br>106-97-8 | 2.89                  |

**Other adverse effects**

No information available

**13. Disposal Considerations****Waste treatment methods****Disposal of wastes**

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

**Contaminated packaging**

Pressurized container: Do not pierce or burn, even after use. Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

**14. Transport Information****DOT**

|                      |                    |
|----------------------|--------------------|
| UN/ID no             | Limited Quantity   |
| Proper Shipping Name | Consumer Commodity |
| Hazard Class         | ORM-D              |

**IATA**

|                      |                     |
|----------------------|---------------------|
| UN/ID no             | UN1950              |
| Proper Shipping Name | Aerosols, flammable |
| Hazard Class         | 2.1                 |

**IMDG**

|                      |                     |
|----------------------|---------------------|
| UN/ID no             | UN1950              |
| Proper Shipping Name | Aerosols, flammable |
| Hazard Class         | 2.1                 |

**Marine pollutant**

This product does not contain marine pollutants.

**15. Regulatory information****International Inventories****TSCA**

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**DSL**

All ingredients are listed or are excluded from listing on the DSL.

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals (above the de-minimis level) which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|                                          |     |
|------------------------------------------|-----|
| <b>Acute Health Hazard</b>               | yes |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire Hazard</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

| <b>Chemical name</b> | <b>New Jersey</b> | <b>Massachusetts</b> | <b>Pennsylvania</b> |
|----------------------|-------------------|----------------------|---------------------|
| Water<br>7732-18-5   |                   |                      | X                   |
| Propane<br>74-98-6   | X                 | X                    | X                   |
| N-Butane<br>106-97-8 | X                 | X                    | X                   |

**U.S. EPA Label information**

EPA Pesticide registration number Not applicable

**16. Other information**

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|             |                  |                |                    |                                                 |
|-------------|------------------|----------------|--------------------|-------------------------------------------------|
| <u>NFPA</u> | Health Hazards 1 | Flammability 1 | Instability 1      | Physical and chemical properties Not applicable |
| <u>HMIS</u> | Health Hazards 1 | Flammability 2 | Physical hazards 1 | Personal Protection A - Eyes protection         |

Prepared by Regulatory Department  
 Issue date 07-May-2019  
 Revision note  
 This SDS supersedes a previous SDS dated January 18, 2016.

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**