

SAFETY DATA SHEET
ACCORDING TO REGULATION: 1907/2006

Version 1
January 2018

1. Identification of the Substance/mixture and of the company/undertaking

Trade Name: Vegalene® Garlic Mist (#17100)
Trade Names/ Synonyms: N/A
Product Use: Flavored Topping Aerosol Spray
Creation Date: 01/18
Revision Date: New

This Safety Data Sheet has been updated in accordance with the Global Harmonized System and is compliant with Regulation 1907/2006

Manufacturer/ Supplier
Par-Way Tryson Company
107 Bolte Lane
St. Clair, MO 63077
Tel. (800) 844-4554

Emergency Telephone #

Chemtrec 24 hour Emergency Response Telephone Number: 1-800-424-9300
Chemtrec 24 hour Emergency Response (Outside the U.S. and Canada) Telephone Number: (703) 527-3887

2. Hazards Identification

Classification of the substance or material
Classification according to Regulation (EC) No 1272/2008



Flam. Aerosol H223 Flammable Aerosol



H204 Fire or projection hazard



H317 May cause an allergic skin reaction
H335 May cause respiratory irritation

| HIMS RATING | |
|----------------|---|
| HEALTH | 1 |
| FLAMMABILITY | 4 |
| REACTIVITY | 1 |
| P.P. EQUIPMENT | 0 |

Label elements

Labeling according to Regulation (EC) No 1272/2008
This product is classified and labeled according to the CLP regulation.



Store below 49°C (120°F)
Do not spray into or near open flame
Contents under pressure, do not puncture or incinerate
Avoid spraying in eyes

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3. Composition/Information on Ingredients

Chemical characterization: Mixtures-

Description: Mixture of the substances below with nonhazardous additions

| Cas # | Description | ACGIH | OSHA | % Range |
|-------------|-----------------------------|----------|----------|---------|
| 120962-03-0 | CANOLA OIL | NO LIMIT | | |
| 8002-43-5 | SUNFLOWER LECITHIN | NO LIMIT | | |
| | NATURAL BUTTER TYPE FLAVOR: | | | |
| 64-17-5 | Ethyl Alcohol | | | |
| 8000-78-0 | GARLIC OIL | | | |
| | ANNATTO | | | |
| | PROPELLANT: | | | |
| 74-98-6 | Propane | 2500 ppm | 1000 ppm | |
| 106-98-7 | N-Butane | 800 ppm | 800 ppm | |

4. First Aid Measures

Description of First Aid Measures

- **After inhalation:** Remove to fresh air. If not breathing, give mouth to mouth resuscitation. If breathing is difficult, give oxygen. Call a physician as excessive exposure may cause irritation to the upper respiratory system.
- **After Skin Contact:** wash with soap and water. Consult a physician if irritation persists
- **After Eye Contact:** irrigate with flowing water at least ten minutes. Hold lids open as it helps prevent scratching and minimize irritation. Seek medical attention as material may become embedded.
- **After swallowing: DO not induce vomiting.** Call a physician and/or poison control center immediately.

Information for doctor:

No further relevant information available

5. Firefighting Measures

EXTINGUISHING MEDIA:

Suitable extinguishing agents: Water fog, standard foam, CO₂, Dry chemical, Halon.

Special Hazards arising from the substance

- Vapors are heavier than air and may travel along the ground to sources of ignition; reports have been made of ignition from pilot lights, heaters, etc. after vapors have been moved by ventilating fans.
- Exploding cans may travel great distances discharging burning materials.
- Exposure to temperatures over 49°C (120°F) may cause cans to burst.

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5. Firefighting Measures (cont)

Hazardous Decomposition Products

- Oxides of Carbon
- Nitrogen

Advice for Firefighters:

Protective Equipment: wear self- contained breathing apparatus with a full face piece operated in a positive pressure mode.

Water fog may be used to help cool containers to help minimize pressure build-up.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

- Wear PPE as necessary.
- Ensure adequate ventilation; excessive concentration of vapors are flammable
- Keep away from ignition sources

Environmental Precautions

- Do not allow to enter sewers/ surface or ground water.
- Do not puncture or incinerate empty or full cans.

Methods and material for containment and cleaning up

- Clean with soap and water
- Once spills or leaks are cleaned up, dispose of waste in accordance with governmental ordinances.

7. Handling and Storage

Handling:

Precautions for safe handling

- Use chemical resistant gloves if the possibility of prolonged contact exists
- General ventilation should be adequate for normal use; if using in a confined area, use necessary means of ventilation to keep from exceeding the TLV.

Precautions for Safe Storage

- Store in cool dry place with temperatures below 49°C (120°F)
- Avoid direct sources of heat and ignition
- Do not use deformed or damaged cans
- Keep out of the reach of children
- Consult local fire and insurance representatives for specific storage requirements in your area

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8. Exposure Controls/personal protection

Exposure Control

General protective and hygienic measures:

The usual precautionary measures for using aerosols should be followed.

- Use in a well ventilated area
- Do not spray in eyes or face
- Do not intentionally inhale
- Remove soiled and contaminated clothing
- Wash hands and exposed skin
- If used in an enclosed area without proper ventilation where the TLV is likely to be exceeded, use a NIOSH/MSA approved respirator

PERMISSIBLE EXPOSURE LEVELS: 900 PPM Propellant

Personal Protective Equipment

If evidence of sensitivity to product is experienced:

Wear gloves and cover exposed skin

Eye protection if sensitivity to the eyes occurs.

9. Physical and Chemical Properties

Contents without propellant

- Appearance: golden translucent liquid
- Odor: Garlic
- Flavor: Buttery-Garlic
- Specific Gravity: 0.91 @ 25°C (77°F)
- Viscosity: 45-70 cPs @ 25 °C (77°F)
- Evaporation Rate: Slower than B-Acetate
- Solubility in Water: negligible
- Vapor Density (air=1): N/A
- Smoke Point: 175°C (350°F) min.
- Flash Point: 260°C (500°F) min.

Contents with propellant

- Appearance: foamy white
- Odor: Garlic
- Flavor: Buttery Garlic
- Percent volatile: 10-20%
- Drum Test: Negative
- Flash Point: 68.89°C (-156°F) propellant
- Flammability Class: flammable
- Flame extension @ 21°C (70°F): > 45.72 cm (18 inches)
- Flame Back: none
- Vapor Pressure @ 21°C (70°F): 70± 5psig
- Vapor Pressure @ 54.4°C (130°F): 100 ± 10 psig
- Explosive Limits:
 - Lower: 1.8%
 - Upper: 9.5 %

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10. Stability and reactivity

Reactivity

Chemical Stability: Normally stable

Possibility of hazardous reactions: no dangerous reactions known.

Conditions to avoid: keep away from flames and ignition sources; do not store above 48.89°C (120°F)

Incompatible materials: strong oxidizers.

Hazardous Polymerization: will not occur.

11. Toxicological information

Acute Effects:

Eyes: Can cause pain and slight corneal injury. Vapors irritate eyes.

Skin: Prolonged or repeated contact may cause irritation defatting. May be irritant to skin and mucous membranes

Breathing: Fumes from the propellant are mildly anesthetic, narcotic effects may be seen in the 5,000-10,000 ppm range. High concentrations can cause dizziness, headaches, narcosis and nausea.

Chronic Effects:

Target Organs/Systematic Effects: Excessive exposure can cause respiratory irritation, liver or kidney damage.

12. Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Additional ecological information:

Do not allow large quantities of product to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

13. Disposal information

Waste treatment methods

Do not dispose of in a trash compactor or incinerate.

Disposal must be made according to local and federal official regulations.

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14. Transport information

IMDG

UN Number: 1950
UN Proper Shipping Name: Aerosol, Flammable
IMDG Classification: Flammable Liquid UN-1950
Transport Hazard Class: 2.0
SARA III Reportable quantity: 11, 340 kg (25,000 lbs.)
Container Size : 6-17 oz aerosol cans
DOT Classification: Flammable Liquid UN-1950
DOT markings: ORM-D
DOT placard: limited quantity
DOT hazard class: 2.0
Propellant: Propane/N-Butane
NFPA 30B warehouse classification: Level 1

GROUND

Proper Shipping name: Consumer Commodity
Container Size: 6-14 oz. aerosol cans
DOT Classification: ORM-D
DOT Markings: ORM-D
DOT hazard class: N/A
Propellant: Propane/N-Butane
SARA III Reportable Quantity: 11, 340 kg (25,000 lbs.)
NFPA 30B warehouse classification: Level 1

B. AIR

Proper Shipping name: Consumer Commodity Container
Size: 6-17 oz. aerosol cans
DOT Classification: Limited Quantity
DOT labeling/markings: ID 8000/ Consumer Commodity
DOT hazard class: 9.0
Propellant: Propane/N-Butane
SARA III Reportable Quantity: 11, 340 kg (25,000 lbs.)
NFPA 30B warehouse classification: Level 1

15. Regulatory information

None identified

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16. Other information

The information contained herein is based on data considered accurate and is offered solely for information, consideration and investigation. Par-Way Tryson extends no warranties, makes no representations and assumes no responsibility as to the accuracy, completeness or suitability of this data for any purchaser's use. Recipients are advised to confirm in advance of the need that the data is correct, applicable and suitable to their circumstances. The data on this Material Safety Data Sheet relates only to this product and does not relate to use with any other material or in any process. The data on the material safety data sheet are not meant to be used as specifications, only guideline information as to safe use of the product. User should also refer to OSHA, State and local safety laws before use. Hazard communication regulations require that employees must be trained on how to use a Safety Data Sheet as a source of hazard information. Standards change without notice; it is the responsibility of the recipient to assure that their personnel have been notified of any changes which may affect them.

Prepared by: Gary Daniels, Quality Systems Auditor, Par-Way Tryson Co.