

SAFETY DATA SHEET
ACCORDING TO REGULATION: 1907/2006

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

Trade Name: Vegalene Non-GMO Food Release Spray
Trade Names/ Synonyms:
Product Use: Food Release Oil
Creation Date: September 2014
Revision Date: October 2015
Item Code: 22050

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



Danger
Flammable Aerosol- Category 1
Health hazards: None identified
OSHA Defined Hazards: None identified



<u>HIMS RATING</u>	
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.



Danger
Extremely Flammable Aerosol
Store below 49°C (120°F)
Do not spray into or near open flame. Keep away from heat/sparks/open flames/hot surfaces
Contents under pressure; do not puncture or incinerate
Avoid spraying in eyes
Protect from sunlight.

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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
8001-21-6	SUNFLOWER OIL	NO LIMIT		
8002-43-5	SUNFLOWER LECITHIN	NO LIMIT		
	Natural Flavor			
513-86-0	Acetoin			
107-92-6	Butyric Acid			
68476-85-7	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

- **Skin Contact:** If irritation occurs, wash with soap and water.
- **Eye Contact:** Irrigate with flowing water. Hold lids open as it helps prevent scratching and minimize irritation.

Information for doctor:

No further relevant information available

5. Firefighting Measures

EXTINGUISHING MEDIA:

Suitable extinguishing agents: Any approved media for extinguishing vegetable oil fires.

Special Hazards arising from the substance:

None

Advice for Firefighters:

- Any approved personal protection for fighting vegetable fires.

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6. Accidental Release Measures

Environmental Precautions

- Guard against oil entering sewer systems to avoid violation of sewer management ordinances.

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

- Respiratory Protection: N/A
- Ventilation: Use in well-ventilated area
- Protection Gloves: If sensitivity occurs, wear gloves
- Eye Protection: Safety glasses
- Other protective clothing or equipment: N/A
- SARA III Reportable Quantity: N/A
- NFPA 30B Warehouse Classification: N/A

Precautions for Safe Storage

- Store unopened in a cool, dry place with temperatures below 49°C (120°F)
- Keep out of the reach of children

8. Exposure Controls/personal protection

Occupational exposure limits:

US. OSHA Table Z-1 Limits for Air Contaminants (29CFR 1910.1000)

Components	Type	Value
Propane (CAS 74-98-6)	PEL	1800mg/m ³ 1000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Butane (CAS 106-97-8)	TWA	1900mg/m ³ 800 ppm
Propane (CAS 74-98-6)	TWA	1800mg/m ³ 1000 ppm

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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

Personal Protective Equipment

If evidence of sensitivity to product is experienced:

Skin: Wear gloves and cover exposed skin

Eyes: Safety glasses w/ side shields if sensitivity to the eyes occurs.

Respiratory: If permissible levels are exceeded use NIOSH/MSA approved respirator

9. Physical and Chemical Properties

Contents without propellant

- Appearance: golden translucent liquid
- Odor: Buttery
- Flavor: Buttery
- Specific Gravity: 0.92 @ 25°C (77°F)
- Viscosity: 60-80 cPs @ 25 °C (77°F)
- Evaporation Rate: Slower than B-Acetate
- Solubility in Water: negligible
- Vapor Density (air=1): N/A
- Smoke Point: 149°C (300°F) min.
- Flash Point: 205°C (400°F) min.

Contents with propellant

- Appearance: foamy white
- Odor: Buttery
- Flavor: Buttery
- 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: 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.

Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenic: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity single exposure: Not classified

Specific target organ toxicity repeated exposure: Not classified

Chronic Effects:

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

12. Ecological information

Toxicity

Aquatic toxicity: Not expected to be harmful to aquatic organisms.

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.

14. Transport information

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DOT

UN Number: 1950
UN Proper Shipping Name: Aerosol, Flammable
Transport Hazard Class: 2.1
Subsidiary Class(es): Not available
Container Size : 6-21 aerosol cans
Special precautions for user : Read Safety Instructions, SDS and emergency procedures before handling
Labels required : None
Special Provisions : N82
Packaging exceptions : 306
Packaging non bulk : None
Packaging bulk : None
Propellant: Propane/N-Butane

IATA

UN Number: 1950
UN Proper Shipping Name: Aerosol, Flammable
Transport Hazard Class: 2.1
Subsidiary Class(es): Not available
Container Size : 6-21 oz aerosol cans
Environmental Hazards: No
Labels Required: 2.1
ERG Code: 10L
Special Precautions for user : Read Safety Instructions, SDS and emergency procedures before handling
Packaging Exceptions : LTD QTY (Limited Quantity)

IMDG

UN Number: 1950
UN Proper Shipping Name: AEROSOLS
Transport Hazard Class: 2.1
Subsidiary Class(es): Not available
Container Size : 6-21 oz aerosol cans
Environmental Hazards:
Marine pollutant: No
Labels Required: None
EmS: F-D, S-U
Special Precautions for user : Read Safety Instructions, SDS and emergency procedures before handling
Packaging Exceptions : LTD QTY (Limited Quantity)

Transport in bulk according to Annex II
Of MARPOL 73/78 and the IBC Code: Not applicable.

DOT



IATA; IMDG



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TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated
CERCLA Hazardous Substance List (40 CFR 302.4): Not listed
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed
SARA 304 Emergency release notification: Not regulated

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories: Immediate Hazard-No
Delayed Hazard-Yes
Fire Hazard- Yes
Pressure Hazard-Yes
Reactivity Hazard-No

SARA 302 Extremely hazardous substance- No

SARA 311/312 Hazardous chemical- No

Other Federal Regulations:

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPS) List: not regulated

Clean Air Act (CAA) Section 112 (r) Accidental Release Prevention (40 CFR 68.130):

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA): Not regulated

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number: Not listed

US State Regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US New Jersey Worker and Community Right-to-Know Act

Butane (CAS 106-97-8) 500 lbs.

Propane (CAS 74-98-6) 500 lbs.

US Pennsylvania RTK-Hazardous Substances

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or Region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances In China (IECSC)	Yes

15. Regulatory information (cont.)

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International Inventories

Country(s) or Region	Inventory name	On inventory (yes/no)*
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemical List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

- * A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)
- * A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory by the governing country(s)

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.