

**SAFETY DATA SHEET**  
ACCORDING TO REGULATION: 1907/2006

Version II  
May 2013

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

**Trade Name:** Vegalene® Grid Iron Non-Stick Spray

Trade Names/ Synonyms:

**Product Use:** Pan Release Aerosol Spray

Creation Date: Feb. 2011

Revision Date: November 2015

Product Code: 14720

*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



**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.



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	% Range
120962-03-0	CANOLA OIL	
8001-31-8	COCONUT OIL	
8042-47-5	MINERAL OIL	
8002-43-5	SOY LECITHIN      Mixed Phospholipids	
107-92-6	FLAVORING    Butyric Acid, Nat.	
	BETA CAROTENE	
7235-40-7		β, β-carotene
10191-41-0	3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-ol (d $\alpha$ -tocopherol)	
137-66-6		6-O-palmitoylascorbic acid
77-92-9		Citric Acid
68476-85-7	PROPANE/ISOBUTANE	10/20

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, CO<sub>2</sub>, 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.

## 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: buttery
- Flavor: buttery
- Specific Gravity: 0.92 @ 25°C (77°F)
- Viscosity: 60-90 cPs @ 25 °C (77°F)
- Evaporation Rate: Slower than B-Acetate
- Solubility in Water: negligible
- Vapor Density (air=1): N/A
- Smoke Point: 171°C (340°F) min.
- Flash Point: 260°C (500°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: 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**

**DOT**

UN Number:	UN1950
UN Proper Shipping Name:	AEROSOL
Transport Hazard Class:	2.1
Subsidiary Class(es):	-
SARA III Reportable quantity:	11, 340 kg (25,000 lbs.)
Container Size :	6-17 oz. AEROSOL CANS
Labels Required:	None
Special Provisions :	N82
Packaging Exceptions :	306
Packaging non bulk :	None
Packaging bulk	None

**IATA**

UN Number:	UN1950
UN Proper Shipping Name:	AEROSOL, flammable
Transport Hazard Class:	2.1
Subsidiary Class(es):	-
SARA III Reportable quantity:	11, 340 kg (25,000 lbs.)
Labels Required:	None
Container Size :	6-17 oz. AEROSOL CANS
Special Provisions :	N82
Environmental Hazards	No
Labels Required:	2.1
ERG code:	10L
Packaging bulk	LTD QTY

**IMDG**

UN Number:	UN1950
UN Proper Shipping Name:	AEROSOLS
Transport Hazard Class:	2.1
Subsidiary Class(es):	-
SARA III Reportable quantity:	11, 340 kg (25,000 lbs.)
Container Size :	6-17 oz. AEROSOL CANS
Environmental Hazards	
Marine Pollutant :	No
Labels Required:	None
EmS	F-D, S-U
Packaging Exceptions :	LTD QTY

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

DOT



IATA; IMDG



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15. Regulatory information

**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.

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15. Regulatory information (cont.)

**International Inventories**

<u>Country(s) or Region</u>	<u>Inventory name</u>	<u>On inventory (yes/no)*</u>
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
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.