



SAFETY DATA SHEET



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: VANGUARD

Application: Silicone Lubricant, Fast and Effective

Product Number: 1102

UN-Number: N/A

Manufacturer Information Sunrise Environmental Scientific
Remit: PO Box 10207 Reno, NV 89510
Physical: 1175 Industrial Way Sparks, NV 89431
Phone Number: 775-359-8494 or 800-648-1153

Emergency Phone No.
Chemtrec: 1-800-424-9300

Pages: 3

Web: SUNRISENV.COM

2. HAZARDS IDENTIFICATION

Emergency Overview:

Signal Word: DANGER

Keep out of reach of children.

Potential Acute Health Effects:

Hazardous in case of eye contact (irritant) and inhalation. Toxic if ingested. Hazardous in case of skin contact (irritant and sensitizer).

Potential Chronic Health Effects:

Slightly hazardous in case of skin contact (sensitizer). The substance may be toxic. The prolonged exposure to the product can produce target organ (kidneys, liver, skin and central nervous system (CNS)) damage.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
Aliphatic Hydrocarbon	64742-47-8	25%≤75%	N/A	N/A	N/A
Hydrocarbon Propellant	68-476-86-8	3%≤15%	N/A	600 ppm	N/A
Comments: None					

4. FIRST AID MEASURES

Inhalation: If affected by vapors, move to a well ventilated area immediately. If breathing is difficult seek medical attention.

Skin Contact: Flush with water, immediately remove all contaminated clothing.

Ingestion: Do not induce vomiting and get medical attention.

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue for at least 15 minutes and seek medical attention.

Additional Information: Signs of exposure are dizziness, nausea, possible dermatitis and headache.

5. FIRE FIGHTING MEASURES

Flash Point: 70°F COC

Upper Flammable Limit (UEL): N/A

Lower Flammable Limit (LEL): 0.9%

Flammable Limits: Petroleum Distillate

Auto Ignition: N/A

Rate of Burning: N/D

General Fire Hazards: Use Extreme caution.

Hazardous Combustion Product: May produce irritating fumes in fire.

Extinguishing Media: Foam, Co2 and/or dry chemicals.

Fire Fighting Equipment/Instructions: Use SCBA equipment.

NFPA Rating: (Flammability 3) (Health 1) (Reactivity 0)

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Eliminate all the ignition sources such as electrical, static, frictional sparks and pilot. Isolate the area.

Environmental Precautions: Isolate the spilled area. Prevent additional further leakage or spillage, if safe to do so.

Method for Cleanup & Containment: Wear appropriate protective equipment and clothing during the clean-up. Use non-combustible material like vermiculite, sand, clay or other absorbent material to absorb the spilled liquid.

Additional Information: Follow local and federal regulations with regard to chemical spills

7. HANDLING AND STORAGE

Handling Procedure: Avoid breathing mist or vapors. Avoid prolonged contact with skin. Avoid contact with eye. Wear suitable PPE.

Wash hands thoroughly after handling the product.

Storage Procedures: Keep in a well-ventilated place to maintain TLV, away from open flame, heat, reactive chemicals and/or other sources of ignitions.

Avoid storing above 120°F & under 32°F. Prevent electrostatic charge build-up by using common bonding and grounding techniques.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits:

ACGIH Components: Use ventilation adequate to maintain TLV.

OSHA Components: Regulated

Engineering Measures: Use fan in confined area. Use local exhaust ventilation.

Personal Protective Equipment (PPE): Utilize suitable protective clothing, and other appropriate PPEs to protect eyes and hands.

Hygiene Recommendations: Use caution appropriate to terpenes. Use protective equipments (apron and boots are optional).

Consider the effect of exposure potentials, handling practices, chemical concentration and ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless

Physical State: Liquid

Vapor Pressure: 15mm Hg

Boiling Point: 244°F

Solubility (H2O): Insoluble in water

Freezing Point: N/D

Odor: Petroleum odor

pH: N/D

Evaporation rate: N/D

Density: N/D

Vapor Density: 3.8

Melting Point: N/A

Specific Gravity: 0.78

VOC: 11.0%

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: N/A

Incompatibility: Oxidizing agents.

Hazardous Decomposition: Carbon Monoxide

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Chronic Toxicity Data: May affect central nervous system on over exposure, effects includes fatigue, headache, dizziness, nausea, numbness, eye and skin irritation. Harmful if swallowed.

OSHA Regulated: No

Carcinogenicity: No component in this product is a carcinogenic.

IARC Monographs: No

NTP: No

Chronic Toxicity: Not established.

12. ECOLOGICAL INFORMATION

Ecotoxicity: N/D

Persistence and Degradability: N/D

Bioaccumulative potential: N/D

Mobility in Soil: N/D

Other Adverse effects: N/D

13. DISPOSAL CONSIDERATIONS

Disposal Instructions: Follow local and federal disposal regulations. As a non-hazardous liquid waste, it should be solidified with stabilizing absorbent material before disposal. Do not incinerate aerosol can.

14. TRANSPORTATION INFORMATION

US DOT Information: ORM-D CONSUMER COMMODITY CLASS 55

UN-Number: N/A

Marine Pollutant: N/D

Shipping Name: Vanguard

Required Label: N/A

15. REGULATORY INFORMATION

Classification: Irritant, Flammable

Hazard Symbol: Exclamation Point, Gas Cylinder, Flame



US Federal Regulations

OSHA'S Hazard Communication Rule, 29 CFR 1910.1200-Is a combustible liquid, moderate skin irritant, moderate eye irritant and a skin sensitizer.

SARA Title III-This product does not contain any chemicals component with known CAS number that exceed the threshold reporting level establish by SARA Title III, section 313.

State Regulations

California Prop. 65

This product does not contain any chemicals known to state of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

SDS History

Date Prepared: 04/02/2014

Revision Date: 02/23/2015

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Remit: PO Box 10207 Reno, NV 89510
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