

SAFETY DATA SHEET

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

Section 1 - Product & Company Identification

Product identifier

Product name: GRAPE LIFT OFF

Product form: Liquid

Other means of identification: DP0575

Relevant identified uses of the substance or mixture: Solvent degreaser

Details of the supplier of the safety data sheet

Distributor:

Essence Chemical Company, Inc

P.O. Box 656 Saint Peter, MO 63376

Ph: 636-685-0132

Emergency telephone number

Emergency number : TRAC: 1-800-535-5053

Section 2 – Hazards Identification

Classification

Flammable Liquids- Category 3

Acute Toxicity-Inhalation- Category 4

Serious eye damage/Eye Irritation - Category 2B

Skin corrosion/ irritation - Category 2

Aspiration hazard - Category 1

Specific target organ toxicity- single exposure (Category 3), Central nervous system.

Pictogram



Signal Word

Danger

Hazard Statements

Flammable liquid and vapor.

Harmful if inhaled.

May be fatal if swallowed and enters airways.

Causes skin and eye irritation

May cause drowsiness or dizziness.

Precautionary Statements – Prevention

Keep away from heat/sparks/open flames/hot surfaces- No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Use in well-ventilated area.
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing mist/vapors/spray.

Precautionary Statements – Response

In case of fire: Consider carbon dioxide, dry chemical, dry sand or alcohol resistant foam to extinguish.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs
IF ON SKIN: Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water. If irritation occurs get medical advice/attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER/doctor if you feel unwell.
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section 3 –Composition/Information on ingredients

Mixture

Name	CAS#	Weight %
C9-C15 Alkanes, Cycloalkanes	Mixture	70-80
Hydrotreated Petroleum distillate (Light)	64742-47-8	20-30

Any concentration shown as a range is to protect confidentiality or is due to process variation.

Section 4 – First Aid Measures

First Aid Measures

Inhalation: Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a physician.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Ingestion: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing, wash with plenty of water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

May cause skin and eye irritation.

Dizziness or drowsiness

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians: Treat symptomatically. Symptoms may be delayed.

Section 5 – Fire Fighting Measures

Suitable Extinguishing Media

Alcohol resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media

High volume water jet.

Specific Hazards Arising from the Chemical

Carbon oxides

Protective Equipment and Precautions for Firefighters

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

Section 6 –Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe area.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Eliminate all ignition sources. Prevent further leakage or spillage if safe to do so. Prevent discharge to open bodies of water, watercourses, and municipal sewers unless designed for that purpose.

Methods for Cleaning Up: Use non-combustible material like vermiculite, sand or earth to soak up the product and place into a suitable container for later disposal. Following product recovery, flush area with water. Scrub area with detergent and water.

Section 7 – Handling & Storage

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

Section 8 – Exposure Controls/ Personal Protection

Exposure Guidelines

Chemical Name	CAS #	ACGIH TLV	OSHA PEL	NIOSH
C9-C15 Alkane, Cycloalkanes	Mixture	179 ppm	No data available	No data available
Hydrotreated Petroleum distillate (Light)	64742-47-8	No data available	500 PPM	No data available

Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved chemical safety goggles/face shield where a splash hazard exists. Eyewash station is recommended.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

Section 9 – Physical & Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State

Liquid

Color

Colorless

Property

Values

pH

No data available

Melting Point/Freezing Point

No data available

Boiling Point/Boiling Range

192-205 ° C (377.6-401 ° F)

Flash Point

57.2 ° C (135 ° F)

Evaporation Rate

No data available

Flammability (Solid, Gas)

n/a-liquid

Upper Flammable Limits

6%

Lower Flammable Limits

0.8%

Vapor Pressure

1.95 mmHg @ 68 ° F

Vapor Density

3.9

Specific Gravity

0.77

Water Solubility

negligible soluble in water

Solubility in Other Solvents

No data available

Partition Coefficient

No data available

Autoignition Temperature

>220 ° C (>428 ° F)

Decomposition Temperature

No data available

Kinematic Viscosity

No data available

Dynamic Viscosity

No data available

Explosive Properties

Not an Explosive

Oxidizing Properties

No data available

Odor

Hydrocarbon

Odor Threshold

No data available

Section 10 – Stability & Reactivity

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None Known

Conditions to Avoid

Heat, sparks, flames.

Extremes of temperature and direct sunlight.

Incompatible Materials

Strong oxidizing agents, strong acids, strong bases.

Hazardous Decomposition Products

Carbon dioxide, carbon monoxide and/or low weight hydrocarbons.

Section 11 - Toxicological information

Information on Likely Routes of Exposure

Product Information:

Inhalation: Avoid breathing vapors or mists.

Eye Contact: Causes eye irritation

Skin Contact: Avoid contact with skin.

Ingestion: Harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
C9-C15 Alkane, Cycloalkanes	Mixture	No data available	No data available	No data available
Hydrotreated Petroleum distillate (Light)	64742-47-9	>5,000 mg/kg (rat)	>2,000mg/kg (Rabbit)	>5.2 mg/1 4 h(Rat)

Chemical Name	Hydrotreated Petroleum distillate (Light)	C9-C15 Alkanes, Cycloalkanes
Skin corrosion/irritation	Mild irritation	Slight to moderate irritation
Serious eye damage/irritation	Mild irritation	No data available
Respiratory or skin sensitization	Does not cause sensitization	Mild irritation. No sensitization
Mutagenicity	Negative results	Negative results
Carcinogenicity	No carcinogenic properties	No known significant effects.
Reproductive toxicity	No data available	Negative
Specific target organ toxicity-Single exposure	Central nervous system Inhalation may cause drowsiness or dizziness	Central nervous system Inhalation may cause drowsiness or dizziness
Specific target organ toxicity-repeated exposure	Causes mild skin irritation, causes serious eye irritation	No data available
Aspiration hazard	May be fatal if swallowed and enters airways.	May be fatal if swallowed and enters airways.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: This product does contain carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity: Not determined

Section 12 - Ecological information

Ecotoxicity

There is no data available for this product as a whole.

Chemical Name	CAS #	Algae/aquatic plants	Fish	Aquatic invertebrates	Crustacea
C9-C15 Alkanes, Cycloalkanes	Mixture	No data available	No data available	No data available	No data available
Hydrotreated Petroleum distillate (Light)	64742-47-8	No data available	LC50 (Oncorhynchus mykiss (rainbow trout)): 2.4 mg/1 [Static] 96 h, LC50 Pimephales promelas: 45 mg/1 {flow-through] 96 h, LC50 Lepomis macrochirus: 2.2 mg/1 [Static] 96 h	LC50 Dendroereides heteropoda(water flea)): 4720 mg/1 96 h	No data available

Persistence and Degradability

No data available

Bioaccumulation

No data available

Mobility

No data available

Section 13 - Disposal considerations

Waste Disposal Method

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section 14 - Transport information

DOT Proper Shipping Description:

Bulk: UN1268, Petroleum distillates solution, N.O.S., (Mineral spirits), 3, PGIII

Non-Bulk: Combustible, Not Regulated.

Section 15 - Regulatory information

SARA Title III Section 311/312 (40CFR370): Fire, acute health hazards.

SARA Title III Section 313 (40CFR372): This product does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by section 313 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372

RCRA Status (40CFR261.33): No reportable components.

TSCA Inventory Status: Reported/included

OSHA/NTP/IARC Carcinogen Status: Not listed

Canadian DSL Status: Reported/included

Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
C9-C15 Alkanes, Cycloalkanes	Nonane	Nonane	Nonane
Hydrotreated Petroleum distillate (Light)	X	X	X

Section 16 - Other information

HMIS ratings: Health: 2
 Flammability: 2
 Reactivity: 0

Indication of changes: Revision – 2 Revised section 15

Date Sheet Prepared: 06/26/2019 Other information: Author – EHS Administrator

The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

No representations or warranty's, either express or implied of merchantability, fitness for a particular purpose or of any other nature with respect to the product or to the information herein is made hereunder. The manufacturer shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.

END OF SDS