

|drowsiness or dizziness

	May be fatal if swallowed and enters airways
	Extremely flammable aerosol
	Contains gas under pressure; may explode if heated
Precautionary Statements	Prevention
(GHS-US)	Wash face, hands and any exposed skin thoroughly
	after handling
	Wear protective gloves/protective clothing/eye
	protection/face protection
	Avoid breathing dust/fume/gas/mist/vapors/spray
	Use only outdoors or in a well-ventilated area
surfaces.	Keep away from heat/sparks/open flames/hot
	- No smoking
	Do not spray on an open flame or other ignition
	source
	Pressurized container: Do not pierce or burn, even
	after use
	Response
	Specific treatment (see first aid on this label)
several	IF IN EYES: Rinse cautiously with water for
easy	minutes. Remove contact lenses, if present and
	to do. Continue rinsing.
	If eye irritation persists: Get medical
	advice/attention
	IF ON SKIN: Wash with plenty of soap and water.
reuse	Take off contaminated clothing and wash before
	If skin irritation occurs: Get medical
	advice/attention
	IF INHALED: Remove person to fresh air and keep
	comfortable for breathing.
feel	Call a POISON CENTER or doctor/physician if you
	unwell
	IF SWALLOWED: Immediately call a POISON CENTER or
	doctor/physician
	Do NOT induce vomiting
	Storage
	Store locked up
	Store in a well-ventilated place. Keep container
	tightly closed

temperatures | Protect from sunlight. Do not expose to  
 | exceeding 50 °C/122 °F  
 | Disposal  
 | Dispose of contents/container to an approved waste  
 | disposal plant

2.3. Other Hazards  
 Other Hazards Not Contributing to the Classification: Toxic to aquatic life with  
 long lasting effects 0% of the mixture consists of ingredient(s) of unknown  
 toxicity

2.4. Unknown Acute Toxicity (GHS-US)

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance Name	Product identifier	%	Classification
			(GHS-US)

Full text of H-phrases: See Section 16

3.2. Mixture Name	Product identifier	%	Classification
			(GHS-US)
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	40-50	
HYDROTREATED LIGHT DISTILLATES	64742-47-8	30-40	
HEPTANE	64742-49-0	10-20	
ACETONE	67-64-1	1-10	

### SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures  
 First-aid Measures General:

First-aid Measures After Inhalation: Move to fresh air. If breathing is  
 difficult,  
 give oxygen. Artificial respiration and/or oxygen  
 may be necessary. If breathing has stopped, contact emergency medical services  
 immediately.

First-aid Measures After Skin Contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.

First-aid Measures After Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

#### 4.2. Most important symptoms and effects, both acute and delayed Symptoms/Injuries:

Symptoms/Injuries After Inhalation: Causes drowsiness or dizziness.

Symptoms/Injuries After Skin Contact: Irritating to skin.

Symptoms/Injuries After Eye Contact: Causes serious eye damage.

Symptoms/Injuries After Ingestion: Harmful or fatal if swallowed and enters airways.

Chronic Symptoms:

#### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to physician: Treat symptomatically.

### SECTION 5: FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing Media

Suitable Extinguishing Media: Water fog. Dry chemical. Carbon dioxide (CO2). Cool containers/tanks with water spray.

Unsuitable Extinguishing Media: Decomposition by contact with water may generate vapors which can be ignited by heat or open flame.

#### 5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: No information available.

Explosion Hazard:

Sensitivity to Mechanical Impact none.

Sensitivity to Static Discharge Yes.

Reactivity:

#### 5.3. Advice for Firefighters

Precautionary Measures Fire:

Firefighting Instructions:

Protection During Firefighting: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full

protective  
gear.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures  
General Measures: Absorb with sand, clay, or other suitable material. Hard

surfaces may be mopped with water. Remove all sources of ignition. Avoid contact with the skin and the eyes. Evacuate personnel to be safe areas. Keep people away from and upwind of spill/leak. Contents under pressure. Do not puncture or incinerate cans. Wear protective gloves/clothing and eye/face protection.

6.1.1. For Non-emergency Personnel  
Protective Equipment:

Emergency Procedures:

6.1.2. For Emergency Responders  
Protective Equipment:

Emergency Procedures:

6.2. Environmental Precautions

Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: Pick up and transfer to properly labeled containers. Soak up with inert absorbent material. Clean contaminated surface thoroughly. After cleaning, flush away traces with water. Take precautionary measures against static discharges.

6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

## SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into

opening on top of can.

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

## 7.2. Conditions for Safe Storage, Including Any Incompatibilities Technical Measures:

Storage Conditions: Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers. Keep out of the reach of children. Store locked up.

Incompatible products: Strong acids, alkalis, or oxidizing agents.

Aerosol Level: 3

## 7.3. Specific End Use(s)

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1. Control Parameters Exposure Guidelines:

Chemical Name

ACGIH TLV

OSHA PEL

NIOSH IDLH

PROPANE/ISOBUTANE/N-BUTANE

68476-86-8

74-98-6: TWA: 1000 ppm

106-97-8: STEL: 1000 ppm

75-28-5: STEL: 1000 ppm

74-98-6:TWA: 1000 ppm

TWA: 1800 mg/m3

(vacated) TWA: 1000 ppm

(vacated) TWA: 1800 mg/m3

106-97-8: (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m3

74-98-6:IDLH: 2100 ppm

TWA: 1000 ppm

TWA: 1800 mg/m3

106-97-8:TWA: 800 ppm

TWA: 1900 mg/m3

75-28-5:TWA: 800 ppm

TWA: 1900 mg/m3

HYDROTREATED LIGHT DISTILLATES

64742-47-8

TWA: 200 PPM 8 hours

-

-

HEPTANE

64742-49-0

TLV: 400 ppm

STEL: 500 ppm

TWA: 500 ppm

-

ACETONE

67-64-1

STEL: 750 ppm

TWA: 500 ppm

TWA: 1000 ppm

TWA: 2400 mg/m3

(vacated) TWA: 750 ppm

(vacated) TWA: 1800 mg/m3

(vacated) STEL: 2400 mg/m3

The acetone STEL does not

apply to the cellulose acetate

fiber industry. It is in effect for all other sectors

(vacated) STEL: 1000 ppm

IDLH: 2500 ppm

TWA: 250 ppm

TWA: 590 mg/m3

Other Exposure Guidelines: Vacated limits revoked by the Court of Appeals  
decision  
in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

8.2. Exposure Controls  
Appropriate Engineering

| Showers

Controls

| Eyewash stations

| Ventilation systems.

Personal Protective Equipment|

Materials for Protective |

Clothing	
Hand Protection	
Eye Protection	Safety glasses with side-shields.
Skin and Body Protection	Chemical resistant apron. Protective gloves.
Respiratory Protection	If exposure limits are exceeded or irritation is  experienced, NIOSH/MSHA approved respiratory  protection should be worn. Positive-pressure  supplied air respirators may be required for high  airborne contaminant concentrations. Respiratory  protection must be provided in accordance with  current local regulations.
Thermal Hazard Protection	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	Aerosol
Appearance	Clear
Odor	Solvent
Odor Threshold	No information available
pH	No information available
Relative Evaporation Rate (butylacetate=1)	No information available 
Melting Point	No information available
Freezing Point	No information available
Boiling Point	No information available
Flash Point	-91 °C / -132 °F Based on propellant
Auto-ignition Temperature	No information available, Not applicable
Decomposition Temperature	No information available
Flammability (solid, gas)	No information available
Vapor Pressure	No information available
Relative Vapor Density at 20 °C	
Relative Density	
Specific Gravity	0.700
Solubility	negligible
Partition coefficient: n-octanol/water	No information available 
Viscosity	No information available
Lower Flammable Limit	1.0
Upper Flammable Limit	12.8 %



9.2. Other Information  
VOC Content(%): 59.12

MIR Value: 1.2

## SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity  
No data available.

10.2 Chemical Stability  
Stable under recommended storage conditions.

10.3 Possibility of Hazardous Reactions  
None under normal processing.

10.4 Conditions to Avoid  
Extremes of temperature and direct sunlight.

10.5 Incompatible Materials  
Strong acids, alkalis, or oxidizing agents.

10.6 Hazardous Decomposition Products  
None known based on information supplied.

## SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects  
Acute Toxicity: 0% of the mixture consists of ingredient(s) of unknown toxicity.

Skin Corrosion/Irritation: Irritating to skin. Repeated exposure may cause skin dryness or cracking. Prolonged skin contact may defat the skin and produce dermatitis.

Serious Eye Damage/Irritation: Irritating to eyes. Avoid contact with eyes.

Respiratory or Skin Sensitization: None known.

Germ Cell Mutagenicity: None known.

Carcinogenicity: There are no known carcinogenic chemicals in this product.

Reproductive Toxicity: This product does not contain any known or suspected reproductive hazards.

Specific Target Organ Toxicity (Single Exposure): May cause drowsiness and dizziness. May cause respiratory irritation.

Specific Target Organ Toxicity (Repeated Exposure): None under normal use conditions.

Aspiration Hazard: May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: Vapors may irritate throat and respiratory system. May cause drowsiness and dizziness based on components. May cause

irritation of respiratory tract. Avoid breathing vapors or mists.

Symptoms/Injuries After Skin Contact: Irritating to skin.

Symptoms/Injuries After Eye Contact: Irritating to eyes.

Symptoms/Injuries After Ingestion: May be harmful or fatal if swallowed.

Aspiration into the lungs during swallowing may cause serious lung damage which may be fatal.

Chronic Symptoms:

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Chemical Name

Toxicity to algae

Toxicity to fish

Toxicity to

Microorganisms

Toxicity to daphnia and other aquatic invertebrates

HYDROTREATED LIGHT

DISTILLATES

64742-47-8

-

2.2 mg/L LC50 *Lepomis macrochirus* 96h static 2.4 mg/L LC50 *Oncorhynchus mykiss* 96h static 45 mg/L LC50 *Pimephales promelas* 96h flow-through

-

-

ACETONE

67-64-1

-

4.74 - 6.33 mL/L LC50 *Oncorhynchus mykiss* 96h 6210 - 8120 mg/L LC50 *Pimephales promelas* 96h static 8300 mg/L LC50 *Lepomis macrochirus* 96h

-

10294 - 17704 mg/L EC50 *Daphnia magna* 48h Static 12600 - 12700 mg/L EC50 *Daphnia magna* 48h

### 12.2. Persistence and Degradability

No information available.

12.3. Bioaccumulative Potential  
No information available.

Chemical Name

log Pow

PROPANE/ISOBUTANE/N-BUTANE

68476-86-8

2.8

ACETONE

67-64-1

-0.24

12.4. Mobility in Soil

12.5. Other Adverse Effects  
No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations:

Waste Disposal Methods: This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated packaging: Do not re-use empty containers.

Additional Information:

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name | CONSUMER COMMODITY ORM-D or LIMITED QUANTITY

Hazard Class | <PICTOGRAM PHRASE>

Identification Number |

Label Codes |

ERG Number |

14.2 In Accordance with IMDG

Proper Shipping Name | AEROSOLS

Hazard Class | 2.1

Identification Number | UN1950

Label Codes | <PICTOGRAM PHRASE>

ntification Of The |

Substance/m |



	Yes	
	Chronic Health Hazard	
	Yes	
	Fire Hazard	
	Yes	
	Sudden Release of Pressure Hazard	
Yes	Reactive Hazard	
	no	
Toxic Substances Control Act (TSCA)	Chemical Name	
	TSCA	
	PROPANE/ISOBUTANE/N-BUTANE	X
	HYDROTREATED LIGHT DISTILLATES	X
	HEPTANE	X
	ACETONE	X

15.2 US State Regulations  
<COMPONENT>

California Proposition 65: This product does not contain any known Proposition 65 chemicals.

U.S. State Right-to-Know Regulations:

Chemical Name  
New Jersey  
Massachusetts  
Pennsylvania

ACETONE

67-64-1

X

X

X

EPA Pesticide Registration Number: Not applicable.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date	18-May-2015
Other Information	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

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Grainger disclaimer.