

SDS

Ultra Gel Lube

SDS Number: A315A

Revision Date: 2/7/2023

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

Contact: Ligia M. Hernandez
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Product Identifier: Ultra Gel Lube
SDS Number: A315A
Product Code: A315
Revision Date: 2/7/2023
Product Use: Penetrating Gel Lubricant with PTFE

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

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HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Aerosols, 2
Physical, Gases Under Pressure, Compressed Gas
Health, Aspiration hazard, 1
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Specific target organ toxicity - Single exposure, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:



GHS Hazard Statements:

H223 - Flammable aerosol
H280 - Contains gas under pressure; may explode if heated
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P264 - Wash thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

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P302 - IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

P302 + P352 - If on skin: Wash with plenty of water.

P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P308+313 - IF exposed or concerned: Get medical advice/attention.

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

P361 + P364 - Take off immediately all contaminated clothing and wash it before reuse.

P403+233 - Store in a well ventilated place. Keep container tightly closed.

P405 - Store locked up.

P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P501 - Dispose of contents/container in accordance with local/regional/national/international/regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry:	Inhalation, ingestion, eye, skin
Inhalation:	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
Skin Contact:	May cause irritation.
Eye Contact:	Causes serious eye irritation.
Ingestion:	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause serious chemical pneumonia.

3 COMPOSITION/INFORMATION ON INGREDIENTS

CAS#	Chemical Ingredients:
	% Chemical Name:
67-64-1	10-30% Acetone
79-20-9	10-30% Methyl acetate
142-82-5	5-15% Heptane
64742-47-8	10-20% Distillates, petroleum, hydrotreated light
98-56-6	5-15% Benzene, 1-chloro-4-(trifluoromethyl)-
124-38-9	1-5% Carbon dioxide

4 FIRST AID MEASURES

Inhalation:	Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek immediate medical attention.
Skin Contact:	Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.
Eye Contact:	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Ingestion:	If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision

Skin: defatting and dermatitis

Inhalation: Anesthetic, irritation, Central Nervous System depression

Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk

CHRONIC HEALTH HAZARDS: Skin disorders, drying and irritation of the skin.

NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5 FIRE FIGHTING MEASURES

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Flammability: Flammable Aerosol
Flash Point: Not Determined
Autoignition Temp: Not Determined
EXTINGUISHING MEDIA: Dry chemical, foam, or Carbon Dioxide (CO2).

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

6	ACCIDENTAL RELEASE MEASURES
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PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Use non-combustible material like vermiculite, sand or earth on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

WASTE DISPOSAL: Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

7	HANDLING AND STORAGE
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Handling Precautions: Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing mist or vapor. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Level 3 Aerosol.

Storage Requirements: Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

Level 3 Aerosol.

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineering Controls: Normal, forced ventilation required. Local exhaust ventilation is generally preferred.
Personal Protective Equipment: Respiratory Protection: Not required with adequate ventilation Wear NIOSH/MSHA approved organic vapor respiratory protection if listed exposure limits (section VIII) are exceeded.

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Protective gloves: Use chemical resistant gloves if hand contact will be made.

Eye protection: Safety glasses with side shields/chemical proof goggles.

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Wear appropriate thermal protective clothing, when necessary.

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Acetone cas#:(67-64-1) [10-30%]

Components with workplace control parameters

TWA 500 ppm USA. ACGIH Threshold Limit Values
(TLV)

Eye & Upper Respiratory Tract irritation
Central Nervous System impairment
Hematologic effects
Substances for which there is a Biological Exposure Index or Indices
(see BEI section)
Not classifiable as a human carcinogen

STEL 750 ppm USA. ACGIH Threshold Limit Values
(TLV)

Eye & Upper Respiratory Tract irritation
Central Nervous System impairment
Hematologic effects
Substances for which there is a Biological Exposure Index or Indices
(see BEI section)
Not classifiable as a human carcinogen

STEL 1,000 ppm USA. OSHA - TABLE Z-1 Limits for
2,400 mg/m³ Air Contaminants - 1910.1000

The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors.

TWA 1,000 ppm USA. Occupational Exposure Limits
2,400 mg/m³ (OSHA) - Table Z-1 Limits for Air
Contaminants

The value in mg/m³ is approximate.

TWA 250 ppm USA. NIOSH Recommended
590 mg/m³ Exposure Limits

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TWA 750 ppm USA. OSHA - TABLE Z-1 Limits for
1,800 mg/m3 Air Contaminants - 1910.1000

Methyl acetate cas#:(79-20-9) [10-30%]

Components with workplace control parameters

TWA 200 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1
610 mg/m3 Limits for Air Contaminants
The value in mg/m3 is approximate.

TWA 200 ppm USA. ACGIH Threshold Limit Values (TLV)
Eye & Upper Respiratory Tract irritation Headache Ocular nerve damage

STEL 250 ppm USA. ACGIH Threshold Limit Values (TLV)
Eye & Upper Respiratory Tract irritation Headache Ocular nerve damage

TWA 200 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
610 mg/m3 1910.1000

STEL 250 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
760 mg/m3 1910.1000

TWA 200 ppm USA. NIOSH Recommended Exposure Limits
610 mg/m3

ST 250 ppm USA. NIOSH Recommended Exposure Limits
760 mg/m3

Heptane cas#:(142-82-5) [5-15%]

Components with workplace control parameters

TWA 85 ppm USA. NIOSH Recommended
350 mg/m3 Exposure Limits

C 440 ppm USA. NIOSH Recommended
1,800 mg/m3 Exposure Limits
15 minute ceiling value

TWA 500 ppm USA. Occupational Exposure Limits
2,000 mg/m3 (OSHA) - Table Z-1 Limits for Air
Contaminants

The value in mg/m3 is approximate.

TWA 400 ppm USA. OSHA - TABLE Z-1 Limits for
1,600 mg/m3 Air Contaminants - 1910.1000

STEL 500 ppm USA. OSHA - TABLE Z-1 Limits for
2,000 mg/m3 Air Contaminants - 1910.1000

TWA 400 ppm USA. ACGIH Threshold Limit Values
(TLV)

Central Nervous System impairment

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Upper Respiratory Tract irritation

STEL 500 ppm USA. ACGIH Threshold Limit Values

(TLV)

Central Nervous System impairment

Upper Respiratory Tract irritation

Benzene, 1-chloro-4-(trifluoromethyl)- cas#:(98-56-6) [5-15%]

Carbon dioxide cas#:(124-38-9) [1-5%]

Components with workplace control parameters

TWA 5,000 ppm USA. ACGIH Threshold Limit Values (TLV)

Asphyxia

STEL 30,000 ppm USA. ACGIH Threshold Limit Values (TLV)

Asphyxia

TWA 10,000 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
18,000 mg/m3 1910.1000

Exposures under 10,000 ppm to be cited as de minimus.

STEL 30,000 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
54,000 mg/m3 1910.1000

TWA 5,000 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1
9,000 mg/m3 Limits for Air Contaminants

The value in mg/m3 is approximate.

TWA 5,000 ppm USA. NIOSH Recommended Exposure Limits

9,000 mg/m3

Normal constituent of air (about 300 ppm).

ST 30,000 ppm USA. NIOSH Recommended Exposure Limits

54,000 mg/m3

Normal constituent of air (about 300 ppm).

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Hazy, tan spray

Physical State: Liquid

Spec Grav./Density: (H2O=1): 0.79-0.81

Flammability: Flammable Aerosol

Vapor Pressure: 40 mm Hg @ 77 C

Evap. Rate: Slow

Odor: solvent odor

Flash Point: Not Determined

Vapor Density: 4.5 AIR=1

VOC: 12.7 %

UFL/LFL: 11.3 % / 2.0 %

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STABILITY AND REACTIVITY

Reactivity: If exposed to strong oxidizers, presents explosion hazard.

Chemical Stability: Material is stable under normal conditions.

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Conditions to Avoid: Temperatures greater than 122°F and sources of ignition.
Materials to Avoid: Strong oxidizing agents.
Hazardous Decomposition: Oxides of carbon
Hazardous Polymerization: None Known

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TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Causes irritation, redness, tearing.

INGESTION: May cause gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, dizziness.

INHALATION: Causes dizziness, excessive or prolonged exposure may cause unconsciousness.

SKIN: May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.

MEDICAL CONDITION AGGRAVATED: Excessive exposure will aggravate pre-existing skin disorders, respiratory, liver, kidney, cardiovascular or pulmonary illnesses.

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision

Skin: defatting and dermatitis

Inhalation: Anesthetic, irritation, Central Nervous System depression

Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk

CHRONIC HEALTH HAZARDS: Skin disorders, drying and irritation of the skin.

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No

Acetone cas#:(67-64-1) [10-30%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 5,800 mg/kg Remarks: Behavioral:Altered sleep time (including change in righting reflex). Behavioral:Tremor.

LC50 Inhalation - rat - 8 h - 50,100 mg/m³

Inhalation: no data available

LD50 Dermal - guinea pig - 7,426 mg/kg

Skin corrosion/irritation: Skin - rabbit Result: Mild skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit Result: Eye irritation - 24 h

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure: no data available

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Aspiration hazard: no data available

Additional Information:

RTECS: AL3150000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Kidney - Irregularities - Based on Human Evidence

Methyl acetate cas#:(79-20-9) [10-30%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - > 5,000 mg/kg

Inhalation LC50 no data available

Dermal LD50 LD50 Dermal - rabbit - > 5,000 mg/kg

Other information on acute toxicity

Skin corrosion/irritation: Skin - rabbit - Mild skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit - Moderate eye irritation - 24 h

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Vapours may cause drowsiness and dizziness. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: narcosis, This product is metabolized into formic acid. Humans and other primates metabolize formic acid more slowly than do rodents. Formic acid can build up in the body producing toxic effects possibly leading to death; therefore, data

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from studies in rodents may have limited relevance for human risk assessment.

Synergistic effects: no data available

Additional Information:

RTECS: AI9100000

Heptane cas#:(142-82-5) [5-15%]

Information on toxicological effects

Acute toxicity: no data available

LC50 Inhalation - rat - 4 h - 103,000 mg/m³

Inhalation: Irritating to respiratory system.

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: Eyes - rabbit Result: No eye irritation (OECD Test Guideline 405)

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure: no data available

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

Additional Information:

RTECS: MI7700000

Prolonged or repeated exposure to skin causes defatting and dermatitis., Central nervous system depression, narcosis, Damage to the lungs.
Stomach - Irregularities - Based on Human Evidence

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Benzene, 1-chloro-4-(trifluoromethyl)- cas#:(98-56-6) [5-15%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 13,000 mg/kg

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: Human Embryo Unscheduled DNA synthesis

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: Inhalation - May cause respiratory irritation.

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: XS9145000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Carbon dioxide cas#:(124-38-9) [1-5%]

Information on toxicological effects

Acute toxicity:

Oral LD50 no data available

Inhalation LC50

Dermal LD50

Other information on acute toxicity

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

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Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May cause severe frostbite. May be harmful if absorbed through skin. May cause skin

Eyes May cause eye irritation. Aggravated Acts as a simple asphyxiant by displacing air. , Medical Condition

Signs and Symptoms of Exposure: Nausea, Dizziness, Headache, Low to medium concentrations of carbon dioxide can:, affect regulation of blood circulation, affect the acidity of body fluids, respiratory difficulties, At high concentrations:, Breathing difficulties, Increased pulse rate, change in body acidity, Very high concentrations can cause:, Unconsciousness, death

Synergistic effects: no data available

Additional Information:

RTECS: FF6400000

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ECOLOGICAL INFORMATION

ECOTOXICITY: Isoparaffinic Hydrocarbon (64742-47-8) Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility. May adsorb to sediments and possibly cause toxic effects to organisms.

PERSISTENCE AND DEGRADABILITY: Component or components of this product are not biodegradable.

BIOACCUMULATIVE POTENTIAL: This product is not expected to bioaccumulate.

MOBILITY IN SOIL: This product is not mobile in soil

OTHER ADVERSE EFFECTS: This material is toxic to aquatic life.

Acetone cas#:(67-64-1) [10-30%]

Information on ecological effects

Toxicity: no data available

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 13,500.00 mg/l - 48 h.

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other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

Methyl acetate cas#:(79-20-9) [10-30%]

Information on ecological effects

Toxicity:

Toxicity to fish - Danio rerio (zebra fish) - 250 - 350 mg/l - 96 h.

Toxicity to daphnia EC50 - Daphnia magna (Water flea) - 700 - 1,000 mg/l - 24 h.
and other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Heptane cas#:(142-82-5) [5-15%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Carassius auratus (goldfish) - 4 mg/l - 24.0 h.

LC50 - Tilapia mossambica - 375 mg/l - 96.0 h

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 1.50 mg/l - 48 h.
other aquatic invertebrates

Persistence and degradability: Ratio BOD/ThBOD 3.5 %

Bioaccumulative potential: Indication of bioaccumulation.

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

Do not empty into drains. Avoid release to the environment.

Benzene, 1-chloro-4-(trifluoromethyl)- cas#:(98-56-6) [5-15%]

Information on ecological effects

Toxicity: no data available

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Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

Carbon dioxide cas#:(124-38-9) [1-5%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

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DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

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TRANSPORT INFORMATION

DOT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

IATA

PROPER SHIPPING NAME: Aerosols, flammable

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

IMDG

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

ENVIRONMENTAL HAZARDS WATER: Marine Pollutant

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15	REGULATORY INFORMATION
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[%] RQ (CAS#) Substance - Reg Codes

[10-30%] RQ(5000LBS), Acetone (67-64-1) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, TOXICRCRA, TSCA, TXAIR, TXHWL

[10-30%] Methyl acetate (79-20-9) HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

[5-15%] Heptane (142-82-5) MASS, OSHAWAC, PA, TSCA, TXAIR

[10-20%] Distillates, petroleum, hydrotreated light (64742-47-8) TSCA

[5-15%] Benzene, 1-chloro-4-(trifluoromethyl)- (98-56-6) TSCA

[1-5%] Carbon dioxide (124-38-9) MASS, OSHAWAC, PA, TSCA, TXAIR

Regulatory Code Legend

- RQ = Reportable Quantity
- CERCLA = Superfund clean up substance
- HAP = Hazardous Air Pollutants
- MASS = MA Massachusetts Hazardous Substances List
- NJHS = NJ Right-to-Know Hazardous Substances
- OSHA = OSHA workplace Air Contaminants
- PA = PA Right-To-Know List of Hazardous Substances
- TOXICRCRA = RCRA Toxic Hazardous wastes (U-List)
- TSCA = Toxic Substances Control Act
- TXAIR = TX Air Contaminants with Health Effects Screening Level
- TXHWL = TX Hazardous waste List

16	OTHER INFORMATION
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We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available N/D = Not determined

Revision Date: 2/7/2023