# FOOD GRADE SILICONE AEROSOL

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 8/21/2020 Revision date: 2/3/2023 Supersedes: 11/16/2022 Version: 1.3

## SECTION 1: Identification

### 1.1. Identification

Product form : Mixture

Trade name : FOOD GRADE SILICONE AEROSOL

### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Lubricant

### 1.3. Supplier

**Manufacturer**

Whitmore Manufacturing LLC
930 Whitmore Drive
Rockwall, Texas, 75087
USA
T 1.972.771.1000
Regulatory@whitmores.com - www.jetlube.com

### 1.4. Emergency telephone number

Emergency number : For Chemical Emergency Call CHEMTREC 24hr/day 7days/week
Within USA and Canada: 1.800.424.9300
Outside USA and Canada: +1.703.527.3887
(collect calls accepted)

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

**GHS US classification**

| | | |
|---|---|---|
| Flammable aerosol Category 1 | H222 | Extremely flammable aerosol |
| Skin corrosion/irritation Category 2 | H315 | Causes skin irritation |
| Serious eye damage/eye irritation Category 2A | H319 | Causes serious eye irritation |
| Specific target organ toxicity – Single exposure, Category 3, Narcosis | H336 | May cause drowsiness or dizziness |

Full text of H statements : see section 16

### 2.2. GHS Label elements, including precautionary statements

**GHS US labeling**

Hazard pictograms (GHS US) :

Signal word (GHS US) : Danger

Hazard statements (GHS US) : H222 - Extremely flammable aerosol
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness

Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - If on skin: Wash with plenty of water.
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a poison center or doctor if you feel unwell.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

No additional information available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|---|---|---|---|
| acetone | CAS-No.: 67-64-1 | 40 - 50 | Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319<br>STOT SE 3, H336 |
| Petroleum gases,liquefied<br>(Note K)(Note S)(Note U) | CAS-No.: 68476-85-7 | 40 - 50 | Flam. Aerosol 1, H222<br>Press. Gas (Liq.), H280 |
| heptane<br>(Note C) | CAS-No.: 142-82-5 | 15 - 20 | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Asp. Tox. 1, H304 |
| Polydimethylsiloxane | CAS-No.: 63148-62-9 | 1 - 5 | Not classified |

Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Note K: The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w 1,3- butadiene (Einecs No 203-450-8), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P210-P403 shall apply.

Note S: This substance may not require a label according to Article 17 (see Section 1.3 of Annex I) (Table 3).

Note U: When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned:. Press. Gas (Comp.), Press. Gas (Liq.), Press. Gas (Ref. Liq.), Press. Gas (Diss.). Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a poison center/doctor/physician if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : 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/attention.

First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after skin contact : Irritation.

Symptoms/effects after eye contact : Eye irritation.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Extremely flammable aerosol.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Exercise caution. Spill area may be slippery. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| FOOD GRADE SILICONE AEROSOL |
|---|
| No additional information available |

| acetone (67-64-1) | |
|---|---|
| **USA - ACGIH - Occupational Exposure Limits** | |
| Local name | Acetone |
| ACGIH OEL TWA [ppm] | 250 ppm |
| ACGIH OEL STEL [ppm] | 500 ppm |
| Remark (ACGIH) | TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI |
| Regulatory reference | ACGIH 2021 |
| **USA - OSHA - Occupational Exposure Limits** | |
| Local name | Acetone |
| OSHA PEL (TWA) [1] | 2400 mg/m³ |
| OSHA PEL (TWA) [2] | 1000 ppm |

| acetone (67-64-1) | |
|---|---|
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |

| heptane (142-82-5) | |
|---|---|
| **USA - ACGIH - Occupational Exposure Limits** | |
| Local name | Heptane, isomers (n-Heptane) |
| ACGIH OEL TWA [ppm] | 400 ppm |
| ACGIH OEL STEL [ppm] | 500 ppm |
| Remark (ACGIH) | TLV® Basis: CNS impair; URT irr |
| Regulatory reference | ACGIH 2021 |
| **USA - OSHA - Occupational Exposure Limits** | |
| Local name | Heptane (n-Heptane) |
| OSHA PEL (TWA) [1] | 2000 mg/m³ |
| OSHA PEL (TWA) [2] | 500 ppm |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |

| Polydimethylsiloxane (63148-62-9) |
|---|
| No additional information available |

| Petroleum gases,liquefied (68476-85-7) | |
|---|---|
| **USA - ACGIH - Occupational Exposure Limits** | |
| Local name | L.P.G (Liquefied petroleum gas) |
| Remark (ACGIH) | TLV® Basis: Simple Asphyxiant |
| Regulatory reference | ACGIH 2021 |
| **USA - OSHA - Occupational Exposure Limits** | |
| Local name | L.P.G. (Liquified petroleum gas) |
| OSHA PEL (TWA) [1] | 1800 mg/m³ |
| OSHA PEL (TWA) [2] | 1000 ppm |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

**Hand protection:**

Neoprene or nitrile rubber gloves

| Type | Material | Permeation | Thickness (mm) | Penetration |
|---|---|---|---|---|
| Disposable gloves | Nitrile rubber (NBR), Neoprene rubber (HNBR) | 2 (> 30 minutes) | 0.3 mm - 0.6 mm | |

**Eye protection:**

Wear eye protection

**Skin and body protection:**

Wear suitable protective clothing

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Physical state | : Liquid |
| Appearance | : Aerosol. |
| Color | : Colourless to light yellow liquid |
| Odor | : mild |
| Odor threshold | : No data available |
| pH | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : > 60 °C |
| Flash point | : < -18 °C |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : Extremely flammable aerosol. |
| Vapor pressure | : No data available |
| Relative vapor density at 20°C | : No data available |
| Relative density | : No data available |
| Solubility | : Insoluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : ≈ 1 |
| Explosion limits | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |

### 9.2. Other information

Gas group : Compressed gas

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Extremely flammable aerosol.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

| | |
|---|---|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| acetone (67-64-1) | |
|---|---|
| LD50 oral rat | 5800 mg/kg body weight Animal: rat, Animal sex: female |
| LD50 dermal rabbit | 20000 mg/kg (Equivalent or similar to OECD 402, Rabbit, Male, Experimental value, Dermal) |
| LC50 Inhalation - Rat | 76 mg/l air Animal: rat, Animal sex: female, 95% CL: 65,2 - 88,4 |
| LC50 Inhalation - Rat (Vapours) | 76 mg/l Source: ECHA |

| acetone (67-64-1) | |
|---|---|
| ATE US (oral) | 5800 mg/kg body weight |
| ATE US (dermal) | 20000 mg/kg body weight |

| heptane (142-82-5) | |
|---|---|
| LD50 oral rat | > 5000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity) |
| LD50 dermal rabbit | > 2000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat | > 29.29 mg/l air (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours)) |
| LC50 Inhalation - Rat (Vapours) | > 29.29 mg/l Source: ECHA |

| Polydimethylsiloxane (63148-62-9) | |
|---|---|
| LD50 oral rat | > 5000 mg/kg body weight (Rat, Experimental value, Oral) |
| LD50 dermal rabbit | > 2000 mg/kg body weight (Rabbit, Dermal) |
| LC50 Inhalation - Rat | > 11.582 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, (maximum achievable concentration), Inhalation (aerosol), 14 day(s)) |

Skin corrosion/irritation : Causes skin irritation.

| acetone (67-64-1) | |
|---|---|
| pH | 7 (10 g/l) |

Serious eye damage/irritation : Causes serious eye irritation.

| acetone (67-64-1) | |
|---|---|
| pH | 7 (10 g/l) |

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

| acetone (67-64-1) | |
|---|---|
| LOAEL (animal/female, F0/P) | 11298 mg/kg body weight Animal: mouse, Animal sex: female |
| NOAEL (animal/male, F0/P) | 900 mg/kg body weight Animal: rat, Animal sex: male, Remarks on results: other:Generation not specified (migrated information) |

STOT-single exposure : May cause drowsiness or dizziness.

| acetone (67-64-1) | |
|---|---|
| STOT-single exposure | May cause drowsiness or dizziness. |

| heptane (142-82-5) | |
|---|---|
| STOT-single exposure | May cause drowsiness or dizziness. |

STOT-repeated exposure : Not classified

| heptane (142-82-5) | |
|---|---|
| LOAEC (inhalation,rat,vapor,90 days) | 16.6 mg/l air Animal: rat, Animal sex: male |
| NOAEC (inhalation,rat,vapor,90 days) | 3.3 mg/l air Animal: rat, Animal sex: male |

Aspiration hazard : Not classified

Viscosity, kinematic : No data available

| acetone (67-64-1) | |
|---|---|
| Viscosity, kinematic | 0.417 $mm^2/s$ |

| heptane (142-82-5) | |
|---|---|
| Viscosity, kinematic | 0.641 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)' |

| Polydimethylsiloxane (63148-62-9) | |
|---|---|
| Viscosity, kinematic | 10 – 10000 mm²/s |

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after skin contact : Irritation.

Symptoms/effects after eye contact : Eye irritation.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Very toxic to aquatic life with long lasting effects.

| acetone (67-64-1) | |
|---|---|
| LC50 - Fish [1] | 5540 mg/l (EU Method C.1, 96 h, Salmo gairdneri, Static system, Fresh water, Experimental value, Nominal concentration) |
| EC50 96h - Algae [1] | > 7000 mg/l (Selenastrum capricornutum, Static system, Fresh water, Experimental value, Nominal concentration) |
| LOEC (chronic) | > 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC (chronic) | ≥ 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

| heptane (142-82-5) | |
|---|---|
| LC50 - Fish [1] | 5.738 mg/l Source: QSAR |
| EC50 - Crustacea [1] | 0.1 mg/l |
| LOEC (chronic) | 0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC (chronic) | 0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

| Polydimethylsiloxane (63148-62-9) | |
|---|---|
| LC50 - Fish [1] | > 1000 mg/l (Pisces, Literature study, Nominal concentration) |
| EC50 - Other aquatic organisms [1] | > 1020 mg/l (96 h, Mytilus edulis, Literature study) |
| ErC50 algae | > 100 mg/l (72 h, Skeletonema costatum, Literature study, Nominal concentration) |

| Petroleum gases,liquefied (68476-85-7) | |
|---|---|
| LC50 - Fish [1] | 0.362 mg/l |
| EC50 - Crustacea [1] | 0.018 mg/l |
| ErC50 algae | 7.6 mg/l Source: ECOTOX |

### 12.2. Persistence and degradability

| acetone (67-64-1) | |
|---|---|
| Not rapidly degradable | |
| Persistence and degradability | Biodegradable in the soil;Biodegradable in the soil under anaerobic conditions;Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 1.43 g $O_2$/g substance |
| Chemical oxygen demand (COD) | 1.92 g $O_2$/g substance |
| ThOD | 2.2 g $O_2$/g substance |
| BOD (% of ThOD) | 0.872 (20 day(s), Literature study) |

| heptane (142-82-5) | |
|---|---|
| Persistence and degradability | Biodegradable in the soil. Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 1.92 g $O_2$/g substance |

| heptane (142-82-5) | |
|---|---|
| Chemical oxygen demand (COD) | 0.06 g $O_2$/g substance |
| ThOD | 3.52 g $O_2$/g substance |
| BOD (% of ThOD) | > 0.5 (5 day(s), Literature study) |

| Polydimethylsiloxane (63148-62-9) | |
|---|---|
| Not rapidly degradable | |
| Persistence and degradability | Biodegradable in water. |

| Petroleum gases,liquefied (68476-85-7) | |
|---|---|
| Not rapidly degradable | |

**12.3. Bioaccumulative potential**

| acetone (67-64-1) | |
|---|---|
| BCF - Fish [1] | 0.69 (Pisces) |
| BCF - Other aquatic organisms [1] | 3 (BCFWIN, Calculated value) |
| Partition coefficient n-octanol/water (Log Pow) | -0.24 (Test data) |
| Bioaccumulative potential | Not bioaccumulative. |

| heptane (142-82-5) | |
|---|---|
| BCF - Other aquatic organisms [1] | 552 (BCFBAF v3.00, Calculated value) |
| Partition coefficient n-octanol/water (Log Pow) | 4.66 (Experimental value) |
| Bioaccumulative potential | Potential for bioaccumulation (4 ≥ Log Kow ≤ 5). |

| Polydimethylsiloxane (63148-62-9) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 2.86 – 4.25 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method) |
| Bioaccumulative potential | Not bioaccumulative. |

| Petroleum gases,liquefied (68476-85-7) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | ≤ 2.8 Source: IUCLID |
| Bioaccumulative potential | No bioaccumulation data available. |

**12.4. Mobility in soil**

| acetone (67-64-1) | |
|---|---|
| Surface tension | 0.0237 N/m |
| Ecology - soil | No (test) data on mobility of the substance available. |

| heptane (142-82-5) | |
|---|---|
| Mobility in soil | 239.7 Source: ECHA |
| Surface tension | 19.66 mN/m (25 °C) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.38 (log Koc, SRC PCKOCWIN v2.0, Calculated value) |
| Ecology - soil | Low potential for adsorption in soil. |

| Polydimethylsiloxane (63148-62-9) | |
|---|---|
| Ecology - soil | Adsorbs into the soil. |

**12.5. Other adverse effects**

No additional information available

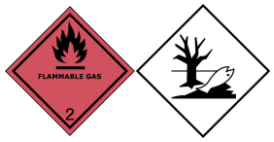
## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

| DOT | TDG | IMDG | IATA |
|---|---|---|---|
| **14.1. UN number** | | | |
| 1950 | UN1950 | 1950 | 1950 |
| **14.2. Proper Shipping Name** | | | |
| Aerosols | AEROSOLS | AEROSOLS | Aerosols, flammable |
| **Transport document description** | | | |
| UN1950 Aerosols, 2.1 | UN1950 AEROSOLS, 2.1 | UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS | UN 1950 Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS |
| **14.3. Transport hazard class(es)** | | | |
| 2.1 | 2.1 | 2.1 | 2.1 |
|   |   |   |   |
| **14.4. Packing group** | | | |
| Not applicable | Not applicable | Not applicable | Not applicable |
| **14.5. Environmental hazards** | | | |
| Dangerous for the environment: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes<br>Marine pollutant: Yes | Dangerous for the environment: Yes |
| No supplementary information available | | | |

### 14.6. Special precautions for user

**DOT**

UN-No.(DOT) : UN1950

DOT Special Provisions (49 CFR 172.102) : N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.

DOT Packaging Exceptions (49 CFR 173.xxx) : 306

DOT Packaging Non Bulk (49 CFR 173.xxx) : None

DOT Packaging Bulk (49 CFR 173.xxx) : None

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg

DOT Vessel Stowage Location : A - The material may be stowed ''on deck'' or ''under deck'' on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other : 25 - Protected from sources of heat,87 - Stow ''separated from'' Class 1 (explosives) except Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials

**TDG**

UN-No. (TDG) : UN1950

| | |
|---|---|
| TDG Special Provisions | : 80 - Despite section 1.17 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases), a person must not offer for transport or transport these dangerous goods unless they are in a means of containment that is in compliance with the requirements for transporting gases in Part 5 (Means of Containment),107 - (1) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting of UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES, that contain dangerous goods included in Class 2.1 or Class 2.2 and that are transported on a road vehicle, a railway vehicle or a vessel on a domestic voyage, if the aerosols or gas cartridges have a capacity less than or equal to 50 mL.<br>(2) Subsection (1) does not apply to self-defence spray. |
| Explosive Limit and Limited Quantity Index | : 1 L |
| Excepted quantities (TDG) | : E0 |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index | : 75 L |
| Emergency Response Guide (ERG) Number | : 126 |

### IMDG

| | |
|---|---|
| Special provision (IMDG) | : 63, 190, 277, 327, 344, 381, 959 |
| Packing instructions (IMDG) | : P207, LP200 |
| Packing provisions (IMDG) | : PP87, L2 |
| EmS-No. (Fire) | : F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES |
| EmS-No. (Spillage) | : S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE) |
| Stowage category (IMDG) | : None |
| Stowage and handling (IMDG) | : SW1, SW22 |
| Segregation (IMDG) | : SG69 |

### IATA

| | |
|---|---|
| PCA Excepted quantities (IATA) | : E0 |
| PCA Limited quantities (IATA) | : Y203 |
| PCA limited quantity max net quantity (IATA) | : 30kgG |
| PCA packing instructions (IATA) | : 203 |
| PCA max net quantity (IATA) | : 75kg |
| CAO packing instructions (IATA) | : 203 |
| CAO max net quantity (IATA) | : 150kg |
| Special provision (IATA) | : A145, A167, A802 |
| ERG code (IATA) | : 10L |

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

| acetone (67-64-1) | |
|---|---|
| CERCLA RQ | 5000 lb |

### 15.2. International regulations

**CANADA**

| acetone (67-64-1) |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| heptane (142-82-5) |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| Polydimethylsiloxane (63148-62-9) |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| Petroleum gases,liquefied (68476-85-7) |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

**EU-Regulations**

No additional information available

**National regulations**

| acetone (67-64-1) |
|---|
| Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on KECI (Korean Existing Chemicals Inventory)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on INSQ (Mexican National Inventory of Chemical Substances)<br>Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) |

| heptane (142-82-5) |
|---|
| Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on KECI (Korean Existing Chemicals Inventory)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on INSQ (Mexican National Inventory of Chemical Substances)<br>Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) |

| Polydimethylsiloxane (63148-62-9) |
|---|
| Listed on INSQ (Mexican National Inventory of Chemical Substances) |

| Petroleum gases,liquefied (68476-85-7) |
|---|
| Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on KECI (Korean Existing Chemicals Inventory)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on INSQ (Mexican National Inventory of Chemical Substances)<br>Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) |

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

| Component | State or local regulations |
|---|---|
| acetone(67-64-1) | U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List |
| heptane(142-82-5) | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List |
| Petroleum gases,liquefied(68476-85-7) | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List |

## SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 2/3/2023

| **Full text of H-phrases** | |
|---|---|
| H222 | Extremely flammable aerosol |
| H225 | Highly flammable liquid and vapor |
| 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 |
| H336 | May cause drowsiness or dizziness |

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.