

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)
Issue date: 3/19/2026 Revision date: 3/31/2026 Supersedes: 3/20/2026 Version: 1.2

SECTION 1 Identification**1.1. Product identifier**

Product form : Mixture
Product name : Sure Start Premium Starting Fluid
Part Number : 11238
Vaporizer : Aerosol

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Starting fluid

1.4. Supplier's details

Lucas Oil Products, Inc.
3199 Harrison Way NW
Corydon, IN 47112
USA
T 800-342-2512
sds@lucasoil.com - www.LucasOil.com

1.5. Emergency phone number

Emergency number : For Chemical Emergency Call ChemTel 24hr/day 7days/week. Within USA, Canada, Puerto Rico & US Virgin Islands: 1-800-255-3924. International: 1-813-248-0585 (collect calls accepted). Australia: 1-300-954-583. Brazil: 0-800-591-6042. China: 400-120-0751. India: 000-800-100-4086. Mexico: 800-099-0731.

SECTION 2 Hazard Identification**2.1. Classification of the substance or mixture****GHS US classification**

Aerosol, Category 1	H222;H229	Extremely flammable aerosol. Pressurized container; may burst if heated.
Acute toxicity (oral), Category 4	H302	Harmful if swallowed.
Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336	May cause drowsiness or dizziness.
Aspiration hazard, Category 1	H304	May be fatal if swallowed and enters airways.
Hazardous to the aquatic environment — Acute Hazard, Category 1	H400	Very toxic to aquatic life.
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411	Toxic to aquatic life with long lasting effects.

Full text of H statements : see section 16

2.2. Label elements**GHS US labeling**

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger

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Hazard statements (GHS US)	: H222 - Extremely flammable aerosol H229 - Pressurized container; may burst if heated H302 - Harmful if swallowed H304 - May be fatal if swallowed and enters airways H315 - Causes skin irritation H336 - May cause drowsiness or dizziness H400 - Very toxic to aquatic life H411 - Toxic to aquatic life with long lasting effects
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 - 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. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. P280 - Wear protective gloves. P301+P310 - If swallowed: Immediately call a poison center or doctor. P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell. P302+P352 - If on skin: Wash with plenty of water. P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing. P312 - Call a poison center or doctor if you feel unwell. P321 - Specific treatment (see supplemental first aid instruction on this label). P330 - Rinse mouth. P331 - Do NOT induce vomiting. P332+P313 - If skin irritation occurs: Get medical advice or attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P391 - Collect spillage. 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 122 °F (50 °C). P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Ethyl ether	CAS-No.: 60-29-7	45 - 70*	Flam. Liq. 1, H224 Acute Tox. 4 (Oral), H302 STOT SE 3, H336

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Name	Product identifier	%	GHS US classification
Heptane, branched, cyclic and linear	CAS-No.: 426260-76-6	45 - 70*	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Aquatic Chronic 2, H411
Carbon dioxide	CAS-No.: 124-38-9	5 - 10*	Press. Gas (Liq.), H280
Heptane	CAS-No.: 142-82-5	0.4 - 2*	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

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

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: Call a physician immediately.
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 eyes with water as a precaution.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. Call a physician immediately.
Personal protection for first-aid responders.	: First-aiders should consider self-protection and use the recommended personal protective equipment (see section 8).

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: May cause eye irritation.
Symptoms/effects after ingestion	: May cause irritation to the digestive tract. Harmful if swallowed. Risk of lung edema.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS THE LEAK CAN BE STOPPED. Dry chemical, CO ₂ , or water spray or regular foam. Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: Extremely flammable aerosol. Pressurized container: may burst if heated. Heating may cause a fire or explosion.
Explosion hazard	: Explosion risk in case of fire. Heating may cause an explosion.

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

5.3. Special protective equipment and precautions for fire-fighters

Precautionary measures fire	: Keep container tightly closed and away from heat, sparks and flame.
Firefighting instructions	: Eliminate all ignition sources if safe to do so. Fight fire remotely due to the risk of explosion. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Self-contained breathing apparatus. Do not attempt to take action without suitable protective equipment. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Eliminate every possible source of ignition. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

Environmental precautions : Avoid release to the environment. Avoid discharge to atmosphere.

6.2. Methods and materials for containment and cleaning up

For containment : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Use only outdoors or in a well-ventilated area. Prevent the build-up of electrostatic charge. 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.
Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including incompatibilities

Technical measures : Use only non-sparking tools. Ground/bond container and receiving equipment.
Storage conditions : Keep only in original container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep in fireproof place. Keep container closed when not in use. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up. Keep container tightly closed.
Packaging materials : Always store product in container of same material as original container.

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SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Ethyl ether (60-29-7)	
USA - ACGIH® - Threshold Limit Values	
Local name	Ethyl ether
ACGIH® TLV® TWA	400 ppm
ACGIH® TLV® STEL	500 ppm
Remark (ACGIH®)	TLV® Basis: CNS impair; URT irr
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Ethyl ether
OSHA PEL TWA	1200 mg/m ³ 400 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - Cal/OSHA - Occupational Exposure Limits	
Local name	Ethyl ether [Diethyl ether]
Cal/OSHA PEL (OEL TWA)	1200 mg/m ³ 400 ppm
Cal/OSHA STEL	1500 mg/m ³ 500 ppm
Regulatory reference	California Division of Occupational Safety and Health (Cal/OSHA) - Permissible Exposure Limit for Chemical Contaminants (Table AC-1)
USA - NIOSH - Occupational Exposure Limits	
Local name	Ethyl ether [Diethyl ether]
NIOSH REL 10h TWA	400 ppm (PELs proposed (Appendix D))
NIOSH REL STEL	500 ppm (PELs proposed (Appendix D))
Remark (NIOSH)	Appendix D - Substances with No Established RELs
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))
Carbon dioxide (124-38-9)	
USA - ACGIH® - Threshold Limit Values	
Local name	Carbon dioxide
ACGIH® TLV® TWA	5000 ppm
ACGIH® TLV® STEL	30000 ppm
Remark (ACGIH®)	TLV® Basis: Asphyxia
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Carbon dioxide

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Carbon dioxide (124-38-9)	
OSHA PEL TWA	9000 mg/m ³ 5000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - NIOSH - Occupational Exposure Limits	
Local name	Carbon dioxide
NIOSH REL 10h TWA	5000 ppm
NIOSH REL STEL	30000 ppm
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))
Heptane (142-82-5)	
USA - ACGIH® - Threshold Limit Values	
Local name	Heptane, isomers (n-Heptane)
ACGIH® TLV® TWA	400 ppm
ACGIH® TLV® STEL	500 ppm
Remark (ACGIH®)	TLV® Basis: CNS impair; URT irr
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Heptane (n-Heptane)
OSHA PEL TWA	2000 mg/m ³ 500 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - Cal/OSHA - Occupational Exposure Limits	
Local name	n-Heptane
Cal/OSHA PEL (OEL TWA)	1600 mg/m ³ 400 ppm
Cal/OSHA STEL	2000 mg/m ³ 500 ppm
Regulatory reference	California Division of Occupational Safety and Health (Cal/OSHA) - Permissible Exposure Limit for Chemical Contaminants (Table AC-1)
USA - NIOSH - Occupational Exposure Limits	
Local name	Heptane (n-Heptane)
NIOSH REL 10h TWA	85 ppm
NIOSH REL STEL	440 ppm [15-min]
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide local exhaust or general room ventilation. Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

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8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Color	: Colorless
Odor	: solvent-like
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: 589 – 633 hPa(a) @ 20 - 22 ° C
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 5.83 – 5.99
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: < 20 mm ² /s
Explosion limits	: No data available
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

Gas group : Compressed gas

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SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Extremely flammable aerosol. Pressurized container: may burst if heated.

10.3. Possibility of hazardous reactions

May mass explode in fire. Heating may cause a fire or explosion.

10.4. Conditions to avoid

High temperature. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Combustible materials.

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) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Sure Start Premium Starting Fluid	
ATE US (oral)	500 mg/kg body weight
Ethyl ether (60-29-7)	
LD50 oral rat	1600 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 7 day(s))
LD50 oral	1207 mg/kg
LD50 dermal rabbit	> 20000 mg/kg (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s))
LD50 dermal	14200 mg/kg
LC50 Inhalation - Rat	97 mg/l (4 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))
LC50 Inhalation - Rat [ppm]	32000 ppm (4 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))
LC50 Inhalation - Rat (Vapors)	97 mg/l/4h
ATE US (oral)	1207 mg/kg body weight
ATE US (dermal)	14200 mg/kg body weight
ATE US (gases)	32000 ppmV/4h
ATE US (vapors)	97 mg/l/4h
ATE US (dust, mist)	97 mg/l/4h

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Carbon dioxide (124-38-9)	
LC50 Inhalation - Rat [ppm]	167857 ppm
Heptane (142-82-5)	
LD50 oral rat	> 5000 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Read-across, Oral, 14 day(s))
LD50 oral	5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Dermal, 14 day(s))
LD50 dermal	3000 mg/kg
LC50 Inhalation - Rat	> 29.29 mg/l air (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours), > 4 day(s))
Skin corrosion/irritation	: Causes skin irritation.
Ethyl ether (60-29-7)	
pH	No data available in the literature
Carbon dioxide (124-38-9)	
pH	3.2 Source: HSDB
Heptane (142-82-5)	
pH	No data available in the literature
Serious eye damage/irritation	: Not classified
Ethyl ether (60-29-7)	
pH	No data available in the literature
Carbon dioxide (124-38-9)	
pH	3.2 Source: HSDB
Heptane (142-82-5)	
pH	No data available in the literature
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.
Ethyl ether (60-29-7)	
STOT-single exposure	May cause drowsiness or dizziness.
Heptane, branched, cyclic and linear (426260-76-6)	
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
Ethyl ether (60-29-7)	
LOAEL (oral,rat,90 days)	2000 mg/kg body weight Animal: rat, Animal sex: male, Guideline: other:
NOAEL (oral,rat,90 days)	500 mg/kg body weight Animal: rat, Guideline: other:

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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 : May be fatal if swallowed and enters airways.

Sure Start Premium Starting Fluid	
Vaporizer	Aerosol
Viscosity, kinematic	< 20 mm ² /s

Ethyl ether (60-29-7)	
Viscosity, kinematic	No data available in the literature

Heptane (142-82-5)	
Viscosity, kinematic	0.641 mm ² /s (20 °C, EN ISO 3104: Capillary viscometer)

Symptoms/effects : May cause drowsiness or dizziness.
Symptoms/effects after inhalation : May cause drowsiness or dizziness.
Symptoms/effects after skin contact : Irritation.
Symptoms/effects after eye contact : May cause eye irritation.
Symptoms/effects after ingestion : May cause irritation to the digestive tract. Harmful if swallowed. Risk of lung edema.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

Ethyl ether (60-29-7)	
LC50 - Fish [1]	2560 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
EC50 - Crustacea [1]	1380 mg/l (NEN 6501: Water - Determination of toxicity with Daphnia magna, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
ErC50 algae	> 100 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)
LOEC (chronic)	> 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

Carbon dioxide (124-38-9)	
LC50 - Fish [1]	35 mg/l (96 h, Salmo gairdneri, Lethal)

Heptane (142-82-5)	
LC50 - Fish [1]	5.738 mg/l Source: QSAR
EC50 - Crustacea [1]	1.5 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	4.338 mg/l (Pseudokirchneriella subcapitata, Fresh water, QSAR, Biomass)

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Heptane (142-82-5)	
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'

12.2. Persistence and degradability

Sure Start Premium Starting Fluid	
Persistence and degradability	Not rapidly degradable

Ethyl ether (60-29-7)	
Persistence and degradability	Not readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.03 g O ₂ /g substance
Chemical oxygen demand (COD)	0.026 g O ₂ /g substance (KMnO ₄)
ThOD	2.6 g O ₂ /g substance

Carbon dioxide (124-38-9)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

Heptane, branched, cyclic and linear (426260-76-6)	
Persistence and degradability	Not rapidly degradable

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
Chemical oxygen demand (COD)	0.06 g O ₂ /g substance
ThOD	3.52 g O ₂ /g substance

12.3. Bioaccumulative potential

Ethyl ether (60-29-7)	
BCF - Fish [1]	2 l/kg (QSAR, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	0.82 – 0.89 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

Carbon dioxide (124-38-9)	
Partition coefficient n-octanol/water (Log Pow)	0.83 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Heptane (142-82-5)	
BCF - Other aquatic organisms [1]	552 (BCFBAF v3.00, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	4.5 (Literature)
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).

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12.4. Mobility in soil

Ethyl ether (60-29-7)

Surface tension	17 mN/m (20 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.99 – 1.42 (log Koc, SRC PCKOCWIN v2.0, QSAR)
Ecology - soil	Highly mobile in soil.

Heptane (142-82-5)

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.

12.5. Other adverse effects





Ozone	: Not classified
Fluorinated greenhouse gases	: No

SECTION 13 Disposal considerations

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.
Ecological waste information	: The waste of the product should be considered as hazardous as the product itself, with the likelihood of impacting the environment in the same way. Consider the handling and disposal of the waste as defined by the product itself.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
UN1950	UN1950	UN1950	UN1950
14.2. Proper Shipping Name			
Aerosols (Heptanes)	AEROSOLS (Heptanes)	AEROSOLS (Heptanes)	Aerosols, flammable (Heptanes)
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

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DOT	TDG	IMDG	IATA
14.5. Environmental hazards			
Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes
No supplementary information available			

14.6. Transport in bulk

Not applicable

14.7. 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 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 - Shade from radiant 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 Parts 1 and 2, do not apply to the offering for transport, handling or transport 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. (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
Limited quantities (IMDG)	: SP277
Excepted quantities (IMDG)	: E0
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

Special provision (IATA)	: A145, A167, A802
PCA Excepted quantities (IATA)	: E0

Sure Start Premium Starting Fluid

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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
ERG code (IATA)	: 10L

SECTION 15 Regulatory information

15.1. 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

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Ethyl ether (60-29-7)

CERCLA RQ	100 lb
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15.2. International regulations

CANADA

Ethyl ether (60-29-7)

Listed on the Canadian DSL (Domestic Substances List)

Carbon dioxide (124-38-9)

Listed on the Canadian DSL (Domestic Substances List)

Heptane, branched, cyclic and linear (426260-76-6)

Listed on the Canadian DSL (Domestic Substances List)

Heptane (142-82-5)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Ethyl ether (60-29-7)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Carbon dioxide (124-38-9)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)

Heptane (142-82-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. 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

SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)

Revision date : 3/31/2026

Issue date : 3/19/2026

Full text of hazard classes and H-statements

H222	Extremely flammable aerosol
H224	Extremely flammable liquid and vapor
H225	Highly flammable liquid and vapor
H229	Pressurized container; may burst if heated
H280	Contains gas under pressure; may explode if heated
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

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.