



Safety Data Sheet

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision Date: 04-Jul-2025

Version 1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

SDS # MP-010-EU
Product Name BlueIce IC-10™

Other means of identification

Pure substance/mixture Mixture

Contains Stoddard solvent; Isopropyl Alcohol; Petroleum Distillates, Hydrotreated light

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Gasoline or diesel fuel additive-cleans carburetor, injectors, valves, upper cylinders

1.3. Details of the supplier of the safety data sheet

Supplier

Muscle Products Corp
752 Kilgore Road
Jackson Center, PA 16133
www.musclelubricants.com

For further information, please contact

Contact Point Muscle Products Corporation: 1-814-786-0166

1.4. Emergency telephone number

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

Emergency Telephone Number - §45 - (EC)1272/2008

Europe 112

SECTION 2: Hazards identification

2.2. Label elements

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids	Category 2 - (H225)
Eye irritation	Category 2 - (H319)
Specific target organ toxicity (single exposure)	Category 3 - (H336)
Category 3 Target organ effects: Narcotic effects.	
Specific target organ toxicity (repeated exposure)	Category 1 - (H372)
Aspiration hazard	Category 1 - (H304)

Contains Stoddard solvent; Isopropyl Alcohol; Petroleum Distillates, Hydrotreated light

**Signal word**

Danger

Hazard statements

H304 - May be fatal if swallowed and enters airways

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

H372 - Causes damage to organs through prolonged or repeated exposure

H225 - Highly flammable liquid and vapour

Precautionary Statements - EU (§28, 1272/2008)

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P233 - Keep container tightly closed

P235 - Keep cool

P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof electrical, ventilating and lighting equipment

P242 - Use only non-sparking tools

P243 - Take action to prevent static discharges

P260 - Do not breathe dust

P264 - Wash face, hands and any exposed skin thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P271 - Use only outdoors or in a well-ventilated area

P280 - Wear protective gloves, protective clothing, eye protection and face protection

P314 - Get medical advice/attention if you feel unwell

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

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

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P312 - Call a POISON CENTER or doctor/physician if you feel unwell

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P331 - Do NOT induce vomiting

P378 - Use CO₂, dry chemical, or foam to extinguish

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

P405 - Store locked up

P501 - Dispose of contents/ container to an approved waste disposal plant

Additional information

This product requires child resistant fastenings if supplied to the general public. This product requires tactile warnings if supplied to the general public. Restricted to professional users.

2.3. Other hazards

No information available.

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable

3.2 Mixtures

Chemical name	Weight-%	REACH registration number	EC No. (Index No.)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Stoddard solvent 8052-41-3	30-60	No data available	232-489-3 (649-345-00-4)	Asp. Tox. 1 (H304) Muta. 1B (H340) Carc. 1B (H350) STOT RE 1 (H372)	-	-	-
Isopropyl Alcohol 67-63-0	10-30	No data available	200-661-7 (603-117-00-0)	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319) STOT SE 3 (H336)	-	-	-
Petroleum Distillates, Hydrotreated light 64742-47-8	1-5	No data available	265-149-8 (649-422-00-2)	Asp. Tox. 1 (H304)	-	-	-
Petroleum distillates, hydrotreated light naphthenic 64742-53-6	1-5	No data available	265-156-6 (649-466-00-2)	Carc. 1B (H350)	-	-	-
N-Nonane 111-84-2	1-5	No data available	203-913-4	No data available	-	-	-
Aromatic petroleum hydrocarbons 25551-13-7	0.1-1	No data available	247-099-9	No data available	-	-	-

Full text of H- and EUH-phrases: see section 16**Acute Toxicity Estimate**

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATE_{mix}) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Stoddard solvent 8052-41-3	No data available	3003	5.5055	No data available	No data available
Isopropyl Alcohol 67-63-0	4710	4059	No data available	30.1303	No data available
Petroleum Distillates, Hydrotreated light 64742-47-8	5000	2002	No data available	No data available	No data available
Petroleum distillates, hydrotreated light naphthenic 64742-53-6	5000	2002	No data available	No data available	No data available
N-Nonane 111-84-2	No data available	No data available	No data available	16.7853	No data available

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Aromatic petroleum hydrocarbons 25551-13-7	8970	No data available	No data available	No data available	No data available

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Additional Information

Substances without a classification are included, because they have established occupational exposure limits

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
Inhalation	Remove to fresh air. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical attention.
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Avoid contact with skin, eyes or clothing.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	Difficulty in breathing. Coughing and/ or wheezing. Dizziness. May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors	Because of the danger of aspiration, emesis or gastric lavage should not be used unless the risk is justified by the presence of additional toxic substances.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO₂). Water spray. Alcohol resistant foam.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use personal protection equipment. Avoid breathing vapours or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations

Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children. Store away from other materials.

Storage class (TRGS 510)

LGK 3.

7.3. Specific end use(s)

Specific Use(s)

Gasoline or diesel fuel additive-cleans carburetor, injectors, valves, upper cylinders.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Stoddard solvent 8052-41-3	-	-	TWA: 100 ppm; TWA: 533 mg/m ³ ;	-	-
Isopropyl Alcohol 67-63-0	-	TWA-TMW: 200 ppm; TWA-TMW: 500 mg/m ³ ; STEL-KZGW: 800 ppm (4 X 15 min); STEL-KZGW: 2000 mg/m ³ (4 X 15 min);	TWA: 200 ppm; TWA: 500 mg/m ³ ; STEL: 400 ppm; STEL: 1000 mg/m ³ ;	TWA: 980.0 mg/m ³ ; STEL: 1225.0 mg/m ³ ;	TWA-GVI: 400 ppm; TWA-GVI: 999 mg/m ³ ; STEL-KGVI: 500 ppm; STEL-KGVI: 1250 mg/m ³ ;
N-Nonane 111-84-2	-	-	TWA: 200 ppm; TWA: 1065 mg/m ³ ;	-	-

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Aromatic petroleum hydrocarbons 25551-13-7	-	TWA-TMW: 20 ppm; TWA-TMW: 100 mg/m ³ ; STEL-KZGW: 30 ppm (4 X 15 min); STEL-KZGW: 150 mg/m ³ (4 X 15 min);	TWA: 20 ppm; TWA: 100 mg/m ³ ;	-	TWA-GVI: 25 ppm; TWA-GVI: 125 mg/m ³ ;
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Stoddard solvent 8052-41-3	-	TWA: 200 mg/m ³ ; Ceiling: 1000 mg/m ³ ;	TWA: 25 ppm; TWA: 145 mg/m ³ ; STEL: 50 ppm; STEL: 290 mg/m ³ ;	TWA: 50 ppm; TWA: 300 mg/m ³ ; STEL: 100 ppm; STEL: 600 mg/m ³ ;	-
Isopropyl Alcohol 67-63-0	-	TWA: 500 mg/m ³ ; Ceiling: 1000 mg/m ³ ; pSk	TWA: 200 ppm; TWA: 490 mg/m ³ ; STEL: 400 ppm; STEL: 980 mg/m ³ ;	TWA: 150 ppm; TWA: 350 mg/m ³ ; STEL: 250 ppm; STEL: 600 mg/m ³ ;	TWA: 200 ppm; TWA: 500 mg/m ³ ; STEL: 250 ppm; STEL: 620 mg/m ³ ;
N-Nonane 111-84-2	-	-	TWA: 200 ppm; TWA: 1050 mg/m ³ ; STEL: 400 ppm; STEL: 2100 mg/m ³ ;	TWA: 150 ppm; TWA: 800 mg/m ³ ; STEL: 200 ppm; STEL: 1100 mg/m ³ ;	TWA: 200 ppm; TWA: 1100 mg/m ³ ; STEL: 250 ppm; STEL: 1300 mg/m ³ ;
Aromatic petroleum hydrocarbons 25551-13-7	-	-	TWA: 20 ppm; TWA: 100 mg/m ³ ; STEL: 40 ppm; STEL: 200 mg/m ³ ;	TWA: 20 ppm; TWA: 100 mg/m ³ ;	TWA: 20 ppm; TWA: 100 mg/m ³ ;
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Stoddard solvent 8052-41-3	-	-	-	TWA: 100 ppm; TWA: 575 mg/m ³ ; STEL: 125 ppm; STEL: 720 mg/m ³ ;	-
Isopropyl Alcohol 67-63-0	STEL-VLCT: 400 ppm; STEL-VLCT: 980 mg/m ³ ;	TWA-AGW; 200 ppm (exposure factor 2); TWA-AGW; 500 mg/m ³ (exposure factor 2);	TWA-MAK: 200 ppm; II(2); TWA-MAK: 500 mg/m ³ ; II(2); Peak: 400 ppm; Peak: 1000 mg/m ³ ;	TWA: 400 ppm; TWA: 980 mg/m ³ ; STEL: 500 ppm; STEL: 1225 mg/m ³ ;	TWA-AK: 500 mg/m ³ ; TWA-AK: 200 ppm; STEL-CK: 1000 mg/m ³ ; STEL-CK: 400 ppm; pSk
Petroleum Distillates, Hydrotreated light 64742-47-8	-	TWA-AGW; ();	TWA-MAK: 5 mg/m ³ ; II(4);respirable fraction TWA-MAK: 50 ppm; II(2); TWA-MAK: 350 mg/m ³ ; II(2); Peak: 20 mg/m ³ ; respirable fraction Peak: 100 ppm; Peak: 700 mg/m ³ ;	-	-
N-Nonane 111-84-2	TWA-VME: 200 ppm; TWA-VME: 1050 mg/m ³ ; STEL-VLCT: 1500 mg/m ³ ; vapor	-	-	-	-
Aromatic petroleum hydrocarbons 25551-13-7	TWA-VME: 150 mg/m ³ ; vapor TWA-VME: 1000 mg/m ³ ; vapor STEL-VLCT: 1500 mg/m ³ ; vapor	-	TWA-MAK: 20 ppm; II(2); TWA-MAK: 100 mg/m ³ ; II(2); Peak: 40 ppm; Peak: 200 mg/m ³ ;	-	-

Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
Stoddard solvent 8052-41-3	TWA: 100 ppm; TWA: 573 mg/m ³ ;	-	TWA: 100 ppm; TWA: 573 mg/m ³ ;	-	TWA-IPRD: 50 ppm; TWA-IPRD: 300 mg/m ³ ; STEL-TPRD: 600 mg/m ³ ; STEL-TPRD: 100 ppm;
Isopropyl Alcohol 67-63-0	TWA: 200 ppm; STEL: 400 ppm; pSk	-	TWA: 200 ppm; TWA: 492 mg/m ³ ; STEL (REL): 400 ppm; STEL (REL): 983 mg/m ³ ;	TWA: 350 mg/m ³ ; STEL: 600 mg/m ³ ;	TWA-IPRD: 150 ppm; TWA-IPRD: 350 mg/m ³ ; STEL-TPRD: 250 ppm; STEL-TPRD: 600 mg/m ³ ;
N-Nonane 111-84-2	TWA: 200 ppm; TWA: 1050 mg/m ³ ; STEL: 600 ppm (calculated); STEL: 3150 mg/m ³ (calculated);	-	TWA: 200 ppm; TWA: 1049 mg/m ³ ;	TWA: 100 mg/m ³ ; STEL: 300 mg/m ³ ;	TWA-IPRD: 150 ppm; TWA-IPRD: 800 mg/m ³ ; STEL-TPRD: 200 ppm; STEL-TPRD: 1100 mg/m ³ ;
Aromatic petroleum hydrocarbons 25551-13-7	TWA: 20 ppm; TWA: 100 mg/m ³ ; STEL: 60 ppm (calculated); STEL: 300 mg/m ³ (calculated);	-	TWA: 25 ppm; TWA: 123 mg/m ³ ;	-	TWA-IPRD: 20 ppm; TWA-IPRD: 100 mg/m ³ ;
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Stoddard solvent 8052-41-3	-	-	-	-	TWA-NDS: 300 mg/m ³ ; STEL-NDSch: 900 mg/m ³ ;
Isopropyl Alcohol 67-63-0	-	-	-	TWA: 100 ppm; TWA: 245 mg/m ³ ; STEL: 150 ppm (value calculated); STEL: 306.25 mg/m ³ (value calculated);	TWA-NDS: 900 mg/m ³ ; STEL-NDSch: 1200 mg/m ³ ; Sk
N-Nonane 111-84-2	-	-	-	TWA: 100 ppm; TWA: 525 mg/m ³ ; STEL: 150 ppm (value calculated); STEL: 656.25 mg/m ³ (value calculated);	-
Aromatic petroleum hydrocarbons 25551-13-7	-	-	TWA: 20 ppm; TWA: 100 mg/m ³ ; STEL: 40 ppm; STEL: 200 mg/m ³ ;	TWA: 20 ppm; TWA: 100 mg/m ³ ; STEL: 150 mg/m ³ (value calculated); STEL: 30 ppm (value calculated);	TWA-NDS: 100 mg/m ³ ; STEL-NDSch: 170 mg/m ³ ; Sk

Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Stoddard solvent 8052-41-3	TWA (VLE-MP): 100 ppm;	-	-	-	-
Isopropyl Alcohol 67-63-0	TWA (VLE-MP): 200 ppm; STEL (VLE-CD): 400 ppm;	TWA: 81 ppm; TWA: 200 mg/m³; STEL: 203 ppm; STEL: 500 mg/m³;	TWA: 200 ppm; TWA: 500 mg/m³; Ceiling: 1000 mg/m³;	TWA: 200 ppm; TWA: 500 mg/m³; STEL: 400 ppm; STEL: 1000 mg/m³;	TWA-(VLA-ED): 200 ppm; TWA-(VLA-ED): 500 mg/m³; STEL (VLA-EC): 400 ppm; STEL (VLA-EC): 1000 mg/m³;
N-Nonane 111-84-2	TWA (VLE-MP): 200 ppm;	TWA: 700 mg/m³; STEL: 1000 mg/m³;	TWA: 800 mg/m³; TWA: 150 ppm; Ceiling: 1100 mg/m³;	-	TWA-(VLA-ED): 200 ppm; TWA-(VLA-ED): 1065 mg/m³;
Aromatic petroleum hydrocarbons 25551-13-7	TWA (VLE-MP): 25 ppm;	-	-	-	-
Chemical name	Sweden	Switzerland	United Kingdom		
Stoddard solvent 8052-41-3	TLV-NGV: 300 mg/m³; TLV-NGV: 50 ppm; TLV-NGV: 175 mg/m³; TLV-NGV: 30 ppm; STEL (Vägledande KGV): 100 ppm; STEL (Vägledande KGV): 600 mg/m³; STEL (Vägledande KGV): 60 ppm; STEL (Vägledande KGV): 350 mg/m³; Sk	-	-		
Isopropyl Alcohol 67-63-0	TLV-NGV: 150 ppm; TLV-NGV: 350 mg/m³; STEL (Vägledande KGV): 250 ppm; STEL (Vägledande KGV): 600 mg/m³;	TWA-MAK: 200 ppm; TWA-MAK: 500 mg/m³; STEL-KZGW: 400 ppm; STEL-KZGW: 1000 mg/m³;	TWA: 400 ppm; TWA: 999 mg/m³; STEL: 500 ppm; STEL: 1250 mg/m³;		
Petroleum Distillates, Hydrotreated light 64742-47-8	-	TWA-MAK: 50 ppm; vapour TWA-MAK: 350 mg/m³; vapour TWA-MAK: 5 mg/m³; aerosol, inhalable dust STEL-KZGW: 100 ppm; STEL-KZGW: 700 mg/m³;	-		
N-Nonane 111-84-2	TLV-NGV: 150 ppm; TLV-NGV: 800 mg/m³; TLV-NGV: 350 mg/m³; vapor	TWA-MAK: 200 ppm; TWA-MAK: 1050 mg/m³;	-		
Aromatic petroleum hydrocarbons 25551-13-7	TLV-NGV: 20 ppm; TLV-NGV: 100 mg/m³; STEL (Bindande KGV): 35 ppm; STEL (Bindande KGV): 170 mg/m³;	TWA-MAK: 20 ppm; TWA-MAK: 100 mg/m³; STEL-KZGW: 40 ppm; STEL-KZGW: 200 mg/m³;	TWA: 25 ppm; TWA: 125 mg/m³; STEL: 75 ppm; STEL: 375 mg/m³;		

Biological occupational exposure limits

Chemical name	European Union	Austria	Bulgaria	Croatia	Czech Republic
Isopropyl Alcohol 67-63-0	-	-	-	50 mg/L - blood (Acetone) - at the end of the work shift 50 mg/L - urine (Acetone) - at the end of the work shift	-
Aromatic petroleum hydrocarbons 25551-13-7	-	-	-	400 mg/g Creatinine - urine (Dimethylbenzoic acid (sum of all isomers)) - at the end of the work shift; at chronic exposure in the middle of the working week	-
Chemical name	Denmark	Finland	France	Germany DFG	Germany TRGS
Isopropyl Alcohol 67-63-0	-	-	-	25 mg/L (whole blood - Acetone end of exposure or shift) 25 mg/L (urine - Acetone end of exposure or shift) 25 mg/L - BAT (end of exposure or end of shift) urine 25 mg/L - BAT (end of exposure or end of shift) blood	25 mg/L (whole blood - Acetone end of exposure or shift) 25 mg/L (urine - Acetone end of exposure or shift)
Aromatic petroleum hydrocarbons 25551-13-7	-	-	- urine (Total Dimethylbenzoic acids (after hydrolysis)) - end of shift after several shifts	400 mg/g Creatinine - BAT (for long-term exposures: at the end of the shift after several shifts) urine	-
Chemical name	Hungary	Ireland	Italy MDLPS	Italy AIDII	
Isopropyl Alcohol 67-63-0	-	40 mg/L (urine - Acetone end of shift at end of workweek)	-	40 mg/L - urine (Acetone) - end of shift at end of workweek	
Chemical name	Latvia	Luxembourg	Romania	Slovakia	
Isopropyl Alcohol 67-63-0	25 mg/L - urine (Acetone) - at the end of exposure or shift 25 mg/L - blood (Acetone) - at the end of exposure or shift	-	50 mg/L - urine (Acetone) - end of shift	-	
Chemical name	Slovenia	Spain	Switzerland	United Kingdom	
Isopropyl Alcohol 67-63-0	25 mg/L - blood (Acetone) - at the end of the work shift 25 mg/L - urine (Acetone) - at the end of the work shift	40 mg/L (urine - Acetone end of workweek)	25 mg/L (urine - Acetone end of shift) 0.4 mmol/L (urine - Acetone end of shift) 25 mg/L (whole blood - Acetone end of shift) 0.4 mmol/L (whole blood - Acetone end of shift)	-	

Chemical name	Slovenia	Spain	Switzerland	United Kingdom
Aromatic petroleum hydrocarbons 25551-13-7	400 mg/g Creatinine - urine (Dimethylbenzoic acid (all isomers after hydrolysis)) - at the end of the work shift; for long-term exposure: at the end of the work shift after several consecutive workdays	-	-	-

Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
Stoddard solvent 8052-41-3	-	80 mg/kg bw/day [4] [6] 30 mg/kg bw/day [4] [7] 7.56 mg/cm ² [5] [6]	44 mg/m ³ [4] [6] 55 mg/m ³ [4] [7] 44 mg/m ³ [5] [6] 55 mg/m ³ [5] [7]
Isopropyl Alcohol 67-63-0	-	888 mg/kg bw/day [4] [6]	500 mg/m ³ [4] [6] 1000 mg/m ³ [4] [7]
N-Nonane 111-84-2	-	773 mg/kg bw/day [4] [6]	2035 mg/m ³ [4] [6]
Soybean Oil 8013-07-8	-	1.7 mg/kg bw/day [4] [6] 10 mg/kg bw/day [4] [7]	11.9 mg/m ³ [4] [6] 70 mg/m ³ [4] [7]

Notes

[4]	Systemic health effects.
[5]	Local health effects.
[6]	Long term.
[7]	Short term.

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
Stoddard solvent 8052-41-3	10.56 mg/kg bw/day [4] [6] 50 mg/kg bw/day [4] [7]	60 mg/kg bw/day [4] [6] 60 mg/kg bw/day [4] [7] 3.78 mg/cm ² [5] [6]	22 mg/m ³ [4] [6] 55 mg/m ³ [4] [7] 22 mg/m ³ [5] [6] 55 mg/m ³ [5] [7]
Isopropyl Alcohol 67-63-0	26 mg/kg bw/day [4] [6] 51 mg/kg bw/day [4] [7]	-	89 mg/m ³ [4] [6] 178 mg/m ³ [4] [7]
N-Nonane 111-84-2	699 mg/kg bw/day [4] [6]	-	608 mg/m ³ [4] [6]
Soybean Oil 8013-07-8	0.8 mg/kg bw/day [4] [6] 5 mg/kg bw/day [4] [7]	5 mg/kg bw/day [4] [6] 5 mg/kg bw/day [4] [7]	2.8 mg/m ³ [4] [6] 17.5 mg/m ³ [4] [7]

Notes

[4]	Systemic health effects.
[5]	Local health effects.
[6]	Long term.
[7]	Short term.

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Stoddard solvent 8052-41-3	0.14 mg/L	0.014 mg/L	0.35 mg/L	-	10 mg/m ³

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Petroleum distillates, hydrotreated light naphthenic 64742-53-6	9.33 mg/kg food	-	9.33 mg/kg food	-	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Stoddard solvent 8052-41-3	1.14 mg/kg sediment dw	0.14 mg/kg sediment dw	-	-	-
Soybean Oil 8013-07-8	-	-	-	6.25 mg/kg soil dw	-

8.2. Exposure controls

Engineering controls No information available.

Personal Protective Equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Tight sealing safety goggles.

Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing. Antistatic boots. Chemical resistant apron. Wear fire/flame resistant/retardant clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. Use appropriate respiratory protection.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.

Environmental exposure controls No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear, blue liquid
Colour	Blue
Odour	Petroleum solvent/ alcohol.
Odour Threshold	No information available

Property	Values	Remarks • Method
Melting point / freezing point	-37 °C	
Initial boiling point and boiling range	82.2 °C	(Boiling point for Heptane)
Flammability (Solid, Gas)	Liquid-Not applicable	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Flash point	22 °C	
Autoignition temperature	No data available	
Decomposition temperature		
pH	No data available	
pH (as aqueous solution)	No data available	
Kinematic viscosity	1.27	(@25°C/77°F)
Dynamic viscosity	No data available	
Water solubility	No data available	
Solubility(ies)	No data available	
Partition Coefficient	No data available	
Vapour Pressure	1.75 kPa	
Relative Density	0.7923 g/cm3	
Bulk Density	No data available	
Liquid Density	No data available	
Relative vapour density	No data available	
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	

9.2. Other information

9.2.1. Information with regards to physical hazard classes

Not applicable

9.2.2. Other safety characteristics

No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge Yes.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous Decomposition Products None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract. May cause drowsiness or dizziness.
Eye contact	Specific test data for the substance or mixture is not available. May cause irritation. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
Skin contact	Repeated exposure may cause skin dryness or cracking. Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.
Ingestion	Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Difficulty in breathing. Coughing and/ or wheezing. Dizziness. May cause redness and tearing of the eyes. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
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Acute toxicity

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

ATEmix (oral)	6,868.70 mg/kg
ATEmix (dermal)	4,094.20 mg/kg
ATEmix (inhalation-vapour)	43.00 mg/l
ATEmix (inhalation-dust/mist)	6.81 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Stoddard solvent	-	> 3000 mg/kg (Rabbit)	> 5.5 mg/L (Rat) 4 h
Isopropyl Alcohol	4710 - 5840 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	> 10000 ppm (Rat) 6 h
Petroleum Distillates, Hydrotreated light	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
Petroleum distillates, hydrotreated light naphthenic	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2180 mg/m ³ (Rat) 4 h
N-Nonane	-	-	= 3200 ppm (Rat) 4 h
Aromatic petroleum hydrocarbons	= 8970 mg/kg (Rat)	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Not classified.
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Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Respiratory or skin sensitisation Not classified.

Germ cell mutagenicity Not classified.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as mutagenic.

Chemical name	European Union
Stoddard solvent	Muta. 1B

Carcinogenicity Not classified.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	European Union
Stoddard solvent	Carc. 1B
Petroleum distillates, hydrotreated light naphthenic	Carc. 1B

Reproductive toxicity Not classified.

STOT - single exposure May cause drowsiness or dizziness.

STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure.

H372 - Causes damage to the following organs through prolonged or repeated exposure: Central nervous system.

Aspiration hazard May be fatal if swallowed and enters airways.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors.

11.2.2. Other information

Other Adverse Effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Isopropyl Alcohol	EC50: >1000mg/L (96h, <i>Desmodesmus subspicatus</i>) EC50: >1000mg/L (72h, <i>Desmodesmus subspicatus</i>)	LC50: =9640mg/L (96h, <i>Pimephales promelas</i>) LC50: =11130mg/L (96h, <i>Pimephales promelas</i>) LC50: >1400000µg/L (96h, <i>Lepomis macrochirus</i>)	-	EC50: =13299mg/L (48h, <i>Daphnia magna</i>)
Petroleum Distillates, Hydrotreated light	-	LC50: =45mg/L (96h, <i>Pimephales promelas</i>) LC50: =2.2mg/L (96h, <i>Lepomis macrochirus</i>) LC50: =2.4mg/L (96h, <i>Oncorhynchus mykiss</i>)	-	-

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Petroleum distillates, hydrotreated light naphthenic	-	LC50: >5000mg/L (96h, Oncorhynchus mykiss)	-	EC50: >1000mg/L (48h, Daphnia magna)
Aromatic petroleum hydrocarbons	-	LC50: =7.72mg/L (96h, Pimephales promelas)	-	-

12.2. Persistence and degradability

Persistence/Degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

Chemical name	Partition coefficient
Stoddard solvent	6.4
Isopropyl Alcohol	0.05

12.4. Mobility in soil

Mobility in Soil No information available.

Mobility

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Stoddard solvent	The substance is not PBT / vPvB
Isopropyl Alcohol	The substance is not PBT / vPvB
Petroleum Distillates, Hydrotreated light	The substance is not PBT / vPvB
Petroleum distillates, hydrotreated light naphthenic	The substance is not PBT / vPvB
N-Nonane	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste from residues/unused products Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

SECTION 14: Transport information**IMDG**

14.1 UN number or ID number	UN1993
14.2 Proper Shipping Name	Flammable liquid, n.o.s. (Isopropanol)
14.3 Transport hazard class(es)	3
14.4 Packing Group	II

RID

14.1 UN number or ID number	UN1993
14.2 Proper Shipping Name	Flammable liquid, n.o.s. (isopropanol)
14.3 Transport hazard class(es)	3
14.4 Packing Group	II

ADR

14.1 UN number or ID number	UN1993
14.2 Proper Shipping Name	Flammable liquid, n.o.s. (isopropanol)
14.3 Transport hazard class(es)	3
14.4 Packing Group	II

IATA

14.1 UN number or ID number	UN1993
14.2 Proper Shipping Name	Flammable liquid, n.o.s. (Isopropanol)
14.3 Transport hazard class(es)	3
14.4 Packing group	II

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****France****Occupational Illnesses (R-463-3, France)**

Chemical name	French RG number
Stoddard solvent 8052-41-3	RG 84
Isopropyl Alcohol 67-63-0	RG 84
Petroleum Distillates, Hydrotreated light 64742-47-8	RG 84
N-Nonane 111-84-2	RG 84

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorisations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
Stoddard solvent - 8052-41-3	28 29 75	-
Isopropyl Alcohol - 67-63-0	75	-

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
Petroleum distillates, hydrotreated light naphthenic - 64742-53-6	28 75	-

Persistent Organic Pollutants

Not applicable

Dangerous substance category per Seveso Directive (2012/18/EU)

P5a - FLAMMABLE LIQUIDS

P5b - FLAMMABLE LIQUIDS

P5c - FLAMMABLE LIQUIDS

Named dangerous substances per Seveso Directive (2012/18/EU)

Chemical name	Lower-tier requirements (tons)	Upper-tier requirements (tons)
Stoddard solvent - 8052-41-3	-	25000

Ozone-depleting substances (ODS) Regulation (EU) 2024/590

Not applicable

Biocidal Products Regulation (EU) No 528/2012 (BPR)

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
Isopropyl Alcohol - 67-63-0	Product-type 2: Disinfectants and algicides not intended for direct application to humans or animals Product-type 4: Food and feed area Product-type 1: Human hygiene

International Inventories

Chemical name	TSCA	DSL/NDSL	EINECS/ELINCS	PICCS	ENCS	IECSC	AIIC	KECL
Stoddard solvent 8052-41-3 (30-60)	X	X	X	X	-	X	X	X
Isopropyl Alcohol 67-63-0 (10-30)	X	X	X	X	X	X	X	X
Petroleum Distillates, Hydrotreated light 64742-47-8 (1-5)	X	X	X	X	-	X	X	X
Petroleum distillates, hydrotreated light naphthenic 64742-53-6 (1-5)	X	X	X	X	-	X	X	X
N-Nonane 111-84-2 (1-5)	X	X	X	X	X	X	X	X
Aromatic petroleum hydrocarbons 25551-13-7 (0.1-1)	X	X	X	X	X	X	X	X

International Inventories**TSCA****DSL/NDSL****EINECS/ELINCS****ENCS****IECSC****KECL****PICCS****AIIC****NZIoC**

Contact supplier for inventory compliance status

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Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing Chemicals Inventory
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances
NZIoC - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment**Chemical Safety Report**

No information available

SECTION 16: Other information**Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of any hazard and/or precautionary statements referred to under Sections 2-15**

H225 - Highly flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H340 - May cause genetic defects
H350 - May cause cancer
H372 - Causes damage to organs through prolonged or repeated exposure

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitisers		

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	On basis of test data
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	On basis of test data
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	On basis of test data
Carcinogenicity	On basis of test data
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Chronic aquatic toxicity	Calculation method
Acute aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
Environmental Protection Agency
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

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Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet