

**SECTION 1: Identification****1.1. Identification**

Product form : Mixture
Product name : STEEL-BRIGHT® WIPE
Product code : SDS VEL-040

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Cleaning agent on fabric (white polyester)

1.3. Supplier

Veltek Associates, Inc.
15 Lee Blvd
Malvern, PA 19355-1234 USA
Telephone: +1 610-644-8335 - Fax: +1 610-644-8336
E-mail: vai@sterile.com

In Canada distributed by:
Canada Clean Room (CCR)
20 Cope Dr.
Kanata, ON K2M 2V8, Canada
Telephone: 1-(888)-595-8070

Fisher Scientific
112 Colonnade Road
Ottawa, Ontario, Canada K2E 7L6
Telephone: 1-800-234-7437

VWR International
2360 Argentia Road
Mississauga, Ontario L5N 5Z7
Telephone: 1-800-932-5000

1.4. Emergency telephone number

Emergency number : CARECHEM 24: 1-215-207-0061
1-866-928-0789 (toll free USA)
Canada: 1-800-579-7421 (toll free)
Mexico: +52-55-5004-8763

SECTION 2: Hazard(s) identification**2.1. Classification of the substance or mixture****GHS US classification**

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 – Chronic Hazard, Category 2	H411	Toxic to aquatic life with long lasting effects.

Full text of H-statements: see section 16

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2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Danger

Hazard statements (GHS US)

: H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H336 - May cause drowsiness or dizziness.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (GHS US)

: P261 - Avoid breathing vapours.
P264 - Wash hands, forearms and face thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, eye protection, protective clothing.
P301+P310 - If swallowed: Immediately call a doctor.
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 doctor if you feel unwell.
P331 - Do NOT induce vomiting.
P332+P313 - If skin irritation occurs: Get medical advice/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.
P501 - Dispose of contents/container to an authorised waste collection point.

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
Water	CAS-No.: 7732-18-5	40 - 60	Not classified
Distillates (petroleum), hydrotreated light	CAS-No.: 64742-47-8	30 - 50	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
White mineral oil (petroleum)	CAS-No.: 8042-47-5	5 - < 10	Not classified
Sorbitan oleate	CAS-No.: 1338-43-8	0 - < 3	Not classified
Sorbitan monooleate, ethoxylated	CAS-No.: 9005-65-6	0 - < 3	Not classified

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Name	Product identifier	%	GHS US classification
D-Limonene	CAS-No.: 5989-27-5	0.25 - 0.45	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412

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	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Not required for normal conditions of use.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. If symptoms develop, obtain medical attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Do not give an unconscious person anything to drink. Rinse mouth. Obtain immediate medical attention.

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

Potential adverse human health effects and symptoms	: Not expected to present a significant hazard under anticipated conditions of normal use.
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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	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: Not flammable. Will burn if heated.
Hazardous decomposition products in case of fire	: None known.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Exercise caution when fighting any chemical fire. Avoid fire-fighting water entering the environment. Use water for cooling exposed containers.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus when in close proximity to fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Avoid all unnecessary exposure.
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6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel. Ventilate area. Avoid contact with skin, eyes and clothing.

6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required. See Section 8.

Emergency procedures : Ventilate area. Avoid contact with eyes, skin and clothing.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing.
Hygiene measures : Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take off immediately all contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.
Storage conditions : Store tightly closed in a dry, cool and well-ventilated place.
Incompatible materials : Strong oxidising agents.
Storage temperature : Store at ambient temperature

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

White mineral oil (petroleum) (8042-47-5)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Mineral oil, excluding metal working fluids Pure, highly and severely refined
ACGIH TWA (mg/m ³)	5 mg/m ³ (I - Inhalable particulate matter)
Remark (ACGIH)	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2023
USA - OSHA - Occupational Exposure Limits	
Local name	Oil mist, mineral
OSHA PEL (TWA) (mg/m ³)	5 mg/m ³ Mist
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

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8.2. Appropriate engineering controls

Appropriate engineering controls	: Provide adequate ventilation. Ensure exposure is below occupational exposure limits (where available).
Environmental exposure controls	: Avoid release to the environment. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear chemically resistant protective gloves. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed. Gloves should be removed and replaced if there are any signs of degradation or breakthrough.

Eye protection:

Not required for normal conditions of use. Use splash goggles when eye contact due to splashing is possible

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Not required for normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazard protection:

Not required for normal conditions of use.

Other information:

Do not eat, drink or smoke during use. Handle in accordance with good industrial hygiene and safety procedures.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Impregnated wipe.
Colour	: Opaque White
Odour	: Citrus.
Odour threshold	: No data available
pH	: ≈ 3.63
pH solution concentration	: 100 %
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 100 °C (ASTM D-93) (Liquid)
Relative evaporation rate (butylacetate=1)	: < 0.01 (Liquid)
Flammability (solid, gas)	: Not flammable. Capable of being set on fire.
Vapour pressure	: 0.004 kPa (20°C) (Liquid)
Relative vapour density at 20°C	: No data available
Relative density	: 0.789 (@ 15.6°C) (Liquid) (Water = 1)
Solubility	: Water: Dispersible (Liquid)
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 4.55 mm ² /s @ 40°C
Viscosity, dynamic	: No data available
Explosive limits	: 0.6 – 4.9 vol % (Liquid)

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Explosive properties : Not explosive.
Oxidising properties : Not oxidising.

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under recommended handling and storage conditions (see section 7).

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Heat. Sparks. Ignition sources.

10.5. Incompatible materials

Strong oxidising agents.

10.6. Hazardous decomposition products

None known.

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

Distillates (petroleum), hydrotreated light (64742-47-8)	
LD50 oral, rat	> 5000 mg/kg
LD50 dermal, rabbit	> 2000 mg/kg
LC50 inhalation, rat (mg/l)	> 5.28 mg/l - 4 Hours
White mineral oil (petroleum) (8042-47-5)	
LD50 oral, rat	> 5000 mg/kg (OECD 401 method)
LD50 dermal, rabbit	> 2000 mg/kg (OECD 402 method)
LC50 inhalation, rat (mg/l)	> 5 mg/l (OECD 403 method)
Sorbitan monooleate, ethoxylated (9005-65-6)	
LD50 oral, rat	> 38900 mg/kg
D-Limonene (5989-27-5)	
LD50 oral, rat	> 2000 mg/kg bodyweight (female), (OECD 423 method)

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Skin corrosion/irritation	: Causes skin irritation. pH: ≈ 3.63
Serious eye damage/irritation	: Not classified pH: ≈ 3.63
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

D-Limonene (5989-27-5)	
IARC group	3 - Not classifiable

Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.

Distillates (petroleum), hydrotreated light (64742-47-8)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.
Viscosity, kinematic	: 4.55 mm ² /s @ 40°C
Potential adverse human health effects and symptoms	: Not expected to present a significant hazard under anticipated conditions of normal use.

SECTION 12: Ecological information

12.1. Toxicity

Distillates (petroleum), hydrotreated light (64742-47-8)	
LC50 fish	2 – 5 mg/l 96h (OECD 203 method)
EC50 Daphnia	1.4 mg/l 48h (OECD 202 method)
EC50 72h - Algae [1]	1 – 3 mg/l 72h (OECD 201 method)
ErC50 algae	1 – 3 mg/l 72h (OECD 201 method)
NOEC (chronic)	0.098 mg/l 28d (QSAR)
NOEC chronic fish	0.098 mg/l - 28 days (Oncorhynchus mykiss, WAF, QSAR)
NOEC chronic crustacea	0.48 mg/l 21d (OECD 211 method)
NOEC chronic algae	1 mg/l 72h (OECD 201 method)

White mineral oil (petroleum) (8042-47-5)	
LC50 fish	> 10000 mg/l - 96 Hours (Leuciscus idus melanotus, WAF)
EC50 Daphnia	> 100 mg/l - 48 Hours (Daphnia magna, WAF)
NOEC (chronic)	≥ 1000 mg/l 28d (QSAR)
NOEC chronic fish	≥ 1000 mg/l - 28 days (Oncorhynchus mykiss, WAF, QSAR)

D-Limonene (5989-27-5)	
LC50 fish	720 µg/l - 96 Hours (Pimephales promelas)
EC50 Daphnia	0.307 mg/l - 48 Hours (Daphnia magna, Mobility), (OECD 202 method)
EC50 72h - Algae [1]	0.32 - 72 Hours (Pseudokirchneriella subcapitata), (OECD 201 method)
NOEC chronic fish	0.059 – 3.7 mg/l - 8 days (Pimephales promelas, reproduction), (OECD 212 method)
NOEC chronic crustacea	80 µg/L 21 days (Daphnia magna) (OECD 211 method)

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D-Limonene (5989-27-5)	
EC10, daphnia, Chronic	153 µg/l (21 days, Daphnia magna, reproduction (OECD 211 method))
EC10, algae	0.174 mg/l (72 Hours, Pseudokirchneriella subcapitata, Growth rate (OECD 201 method))

12.2. Persistence and degradability

STEEL-BRIGHT® WIPE	
Persistence and degradability	Not established.

Water (7732-18-5)	
Persistence and degradability	Not established.

Distillates (petroleum), hydrotreated light (64742-47-8)	
Persistence and degradability	Substance is complex UVCB, Inherently biodegradable.

White mineral oil (petroleum) (8042-47-5)	
Persistence and degradability	Substance is complex UVCB.

Sorbitan oleate (1338-43-8)	
Persistence and degradability	Not established.

Sorbitan monooleate, ethoxylated (9005-65-6)	
Persistence and degradability	Not established.

D-Limonene (5989-27-5)	
Persistence and degradability	Readily biodegradable.
Biodegradation	71.4 % - 28 days (OECD 301B method)

12.3. Bioaccumulative potential

STEEL-BRIGHT® WIPE	
Bioaccumulative potential	Potentially bioaccumulable.

Distillates (petroleum), hydrotreated light (64742-47-8)	
Bioaccumulative potential	Substance is complex UVCB.

White mineral oil (petroleum) (8042-47-5)	
Bioaccumulative potential	Substance is complex UVCB.

D-Limonene (5989-27-5)	
Log Pow	4.38 (37 °C, pH 7.2), (OECD 117 method)

12.4. Mobility in soil

STEEL-BRIGHT® WIPE	
Ecology - soil	low mobility.

Distillates (petroleum), hydrotreated light (64742-47-8)	
Ecology - soil	Substance is complex UVCB.

White mineral oil (petroleum) (8042-47-5)	
Ecology - soil	Substance is complex UVCB.

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D-Limonene (5989-27-5)

Ecology - soil

Slightly soluble in: Water.

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Manage wipes in accordance with applicable regulatory requirements.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

DOT NA No : UN3077
UN-No. (TDG) : UN3077
UN-No. (IMDG) : 3077
UN-No. (IATA) : 3077

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Environmentally hazardous substances, solid, n.o.s. (Distillates (petroleum), hydrotreated light ; D-Limonene)
Proper Shipping Name (TDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Distillates (petroleum), hydrotreated light ; D-Limonene)
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Distillates (petroleum), hydrotreated light ; D-Limonene)
Proper Shipping Name (IATA) : Environmentally hazardous substance, solid, n.o.s. (Distillates (petroleum), hydrotreated light ; D-Limonene)

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : 9
Hazard labels (DOT) : 9



TDG

Transport hazard class(es) (TDG) : 9
Hazard labels (TDG) : 9



IMDG

Transport hazard class(es) (IMDG) : 9
Danger labels (IMDG) : 9

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IATA

Transport hazard class(es) (IATA) : 9

Danger labels (IATA) : 9



14.4. Packing group

Packing group (DOT) : III

Packing group (TDG) : III

Packing group (IMDG) : III

Packing group (IATA) : III

14.5. Environmental hazards

Dangerous for the environment : Yes

Marine pollutant : Yes



Other information : No supplementary information available.

14.6. Special precautions for user

DOT

UN-No.(DOT) : UN3077

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DOT Special Provisions (49 CFR 172.102)	: 8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description "Other regulated substances, liquid or solid, n.o.s.", as appropriate. In addition, for solid materials, special provision B54 applies. 146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination. 335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as "Environmentally hazardous substances, solid, n.o.s," UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leakproof when used as bulk packaging. 384 - For transportation by motor vehicle, substances meeting the conditions for high viscosity flammable liquids as prescribed in §173.121(b)(1)(i), (b)(1)(ii), and (b)(1)(iv) of this subchapter, may be reassigned to Packing Group III under the following conditions: A112 - Notwithstanding the quantity limits shown in Column (9A) and (9B) for this entry, the following IBCs are authorized for transportation aboard passenger and cargo-only aircraft. Each IBC may not exceed a maximum net quantity of 1,000 kg: a. Metal: 11A, 11B, 11N, 21A, 21B and 21N b. Rigid plastics: 11H1, 11H2, 21H1 and 21H2 c. Composite with plastic inner receptacle: 11HZ1, 11HZ2, 21HZ1 and 21HZ2 d. Fiberboard: 11G e. Wooden: 11C, 11D and 11F (with inner liners) f. Flexible: 13H2, 13H3, 13H4, 13H5, 13L2, 13L3, 13L4, 13M1 and 13M2 (flexible IBCs must be sift-proof and water resistant or must be fitted with a sift-proof and water resistant liner). B54 - Open-top, sift-proof rail cars are also authorized. B120 - The use of flexible bulk containers conforming to the requirements in subpart R and subpart S of part 178 of this subchapter is permitted. IB8 - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2); Fiberboard (11G); Wooden (11C, 11D and 11F); Flexible (13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2). IP3 - Flexible IBCs must be sift-proof and water-resistant or must be fitted with a sift-proof and water-resistant liner. N20 - A 5M1 multi-wall paper bag is authorized if transported in a closed transport vehicle. N91 - The use of a non specification sift-proof, non-bulk, metal can with or without lid, or a non specification sift-proof, non-bulk fiber drum, with or without lid is authorized when transporting coal tar pitch compounds by motor vehicle or rail freight. The fiber drum must be fabricated with a three ply wall, as a minimum. The coal tar pitch compound must be in a solid mass during transportation. T1 - 1.5 178.274(d)(2) Normal..... 178.275(d)(2) TP33 - The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent requirements for minimum shell thickness, maximum allowable working pressure, pressure-relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 155
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 213
DOT Packaging Bulk (49 CFR 173.xxx)	: 240
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: No Limit

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DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : No Limit

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

TDG

UN-No. (TDG) : UN3077

TDG Special Provisions : 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name:

(a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S.;

(b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.;

(c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.;

(d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S. or

(e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.

(3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment:

(a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or

(b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS,99 - (1) Mixtures of solids that are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. or UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. may be handled, offered for transport or transported as UN3077 if there is no visible liquid when the dangerous goods are loaded into a means containment and during transport.

(2) 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 less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. or less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. on a road vehicle or a railway vehicle. The dangerous goods must be contained in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety.

Explosive Limit and Limited Quantity Index : 5 kg

Excepted quantities (TDG) : E1

Emergency Response Guide (ERG) Number : 171

IMDG

No data available

IATA

No data available

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

Not applicable

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SECTION 15: Regulatory information

15.1. US Federal regulations

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SARA Section 311/312 Hazard Classes	Health hazard - Skin corrosion or Irritation Health hazard - Respiratory or skin sensitization Health hazard - Specific target organ toxicity (single or repeated exposure) Health hazard - Aspiration hazard
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Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Water	7732-18-5	Present	Active	
Distillates (petroleum), hydrotreated light	64742-47-8	Present	Active	
White mineral oil (petroleum)	8042-47-5	Present	Active	
Sorbitan oleate	1338-43-8	Present	Active	
Sorbitan monooleate, ethoxylated	9005-65-6	Present	Active	XU
D-Limonene	5989-27-5	Present	Active	

15.2. International regulations

CANADA

Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List)

Distillates (petroleum), hydrotreated light (64742-47-8)

Listed on the Canadian DSL (Domestic Substances List)

Sorbitan oleate (1338-43-8)

Listed on the Canadian DSL (Domestic Substances List)

Sorbitan monooleate, ethoxylated (9005-65-6)

Listed on the Canadian DSL (Domestic Substances List)

D-Limonene (5989-27-5)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Water (7732-18-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Distillates (petroleum), hydrotreated light (64742-47-8)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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Sorbitan oleate (1338-43-8)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Sorbitan monooleate, ethoxylated (9005-65-6)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

D-Limonene (5989-27-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations

No additional information available

SECTION 16: Other information

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Revision date : 12/12/2023

Data sources : US OSHA HazCom (GHS) 25 May 2012. ECHA (European Chemicals Agency), <http://echa.europa.eu/>.

Other information : Classification procedure. Health hazards: On basis of test data & Calculation method. Physical hazards: On basis of test data. Environmental hazards: On basis of test data & Calculation method.

Full text of H-phrases

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms

	ACGIH (American Conference of Government Industrial Hygienists)
	ATE (Acute Toxicity Estimate)
	CAS (Chemical Abstracts Service) number
	DNEL (Derived No Effect Level)
	EC50 (Effective Concentration 50%)
	IARC (International Agency for Research on Cancer)
	IATA (International Air Transport Association)
	IMDG (International Maritime Dangerous Goods Code)

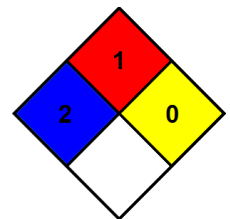
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Abbreviations and acronyms	
	IMO (International Maritime Organisation)
	LC50 (Lethal Concentration 50%)
	LD50 (Lethal Dose 50%)
	OECD (Organisation for Economic Co-operation and Development)
	OSHA (Occupational Safety and Health Administration) (US)
	PBT (Persistent, Bioaccumulative and Toxic)
	PNEC (Predicted No Effect Concentration)
	STEL (Short Term Exposure Limit)
	TSCA (Toxic Substances Control Act) (US)
	TWA (Time Weighted Average)
	UNxxxx (Number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods)
	vPvB (very Persistent and very Bioaccumulative)

NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
 NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.
 NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating Health : 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given
 Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)
 Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
 Personal protection : C - Safety glasses, Gloves, Synthetic apron

Indication of changes:			
Section	Changed item	Change	Comments
2	Hazards identification	Modified	No additional information available
3	Composition/information on ingredients	Modified	No additional information available
4	First aid measures	Modified	No additional information available
5	Fire fighting measures	Modified	No additional information available
6	Accidental release measures	Modified	No additional information available
7	Handling and storage	Modified	No additional information available
8	Exposure controls / Personal protection equipment	Modified	No additional information available
9	Physical and chemical properties	Modified	No additional information available
11	Toxicological information	Modified	No additional information available
12.	Ecological information	Modified	No additional information available

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13	Disposal considerations	Modified	No additional information available
14	Transport information	Modified	No additional information available
15	Regulatory information	Modified	No additional information available
16	Other information	Modified	No additional information available

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