

**SAFETY DATA SHEET**

Revision Date: 02/09/2022

Print Date: 3/25/2022

SDS Number: R0027080

Version: 2.2

Hetron™ 197-3 RESIN
™ Trademark, INEOS or its subsidiaries, registered
in various countries
30058

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**Product identifier**

Trade name : Hetron™ 197-3
RESIN
™ Trademark, INEOS or its subsidiaries, registered in
various countries

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

Recommended use : RESIN

Details of the supplier of the safety data sheet

INEOS Composites Canada Corp.
600-1741 Lower Water Street
Halifax, Nova Scotia, B3J 0J2
Canada
+1-614-790-9299 (in US)

sds.composites@ineos.com

Emergency telephone number

1-800-424-9300 (+1-703-527-3887 for direct dial)

Regulatory Information Number

+1-614-790-9299 (in US), or contact your local customer service representative

Product Information

+1-614-790-9299 (in US)

INEOS Composites US LLC
5220 Blazer Parkway
Dublin, OH 43017
United States of America (USA)
+1-614-790-9299 (in US)

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Flammable liquids : Category 3
Combustible Dust : Category 1
Skin irritation : Category 2
Eye irritation : Category 2A
Specific target organ toxicity : Category 3 (Respiratory system)
- single exposure

SAFETY DATA SHEET

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 30058

Specific target organ toxicity : Category 1 (Auditory system)
 - repeated exposure
 (Inhalation)

Physical hazards not : Category 1
 otherwise classified

GHS label elements

Hazard pictograms



Signal word : Danger

Hazard statements : H226 Flammable liquid and vapour.
 May form combustible dust concentrations in air.
 May become electrostatically charged. Sparks may ignite liquid
 and vapor.
 Hazardous polymerisation may occur.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H372 Causes damage to organs (Auditory system) through
 prolonged or repeated exposure if inhaled.

Precautionary statements : **Prevention:**
 P210 Keep away from heat, hot surfaces, sparks, open flames
 and other ignition sources. No smoking.
 P233 Keep container tightly closed.
 P240 Ground and bond container and receiving equipment.
 P241 Use explosion-proof electrical/ ventilating/ lighting
 equipment.
 P242 Use non-sparking tools.
 P243 Take action to prevent static discharges.
 P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
 P264 Wash 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/
 face protection.
 Keep dust/air mixtures away from ignition sources.

SAFETY DATA SHEET

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Response:

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

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor 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.

P314 Get medical advice/ attention if you feel unwell.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

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

P362 + P364 Take off contaminated clothing and wash it before reuse.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

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

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

Disposal:

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

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Classification	Concentration (%)
Styrene	100-42-5	Flam. Liq. 3; H226 Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2A; H319	43.7352

SAFETY DATA SHEET

Revision Date: 02/09/2022

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Version: 2.2

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		STOT SE 3; H335	
		STOT RE 1; H372	
		Asp. Tox. 1; H304	
		PHNOC 1;	

SECTION 4. FIRST AID MEASURES

- General advice** : Move out of dangerous area.
 Call a POISON CENTRE or doctor/physician if exposed or you feel unwell.
 Show this safety data sheet to the doctor in attendance.
 Do not leave the victim unattended.
- If inhaled** : Move to fresh air.
 IF INHALED: Call a POISON CENTER/ doctor if you feel unwell.
 Keep patient warm and at rest.
 If unconscious, place in recovery position and seek medical advice.
- In case of skin contact** : Remove contaminated clothing. If irritation develops, get medical attention.
 If on skin, rinse well with water.
 Wash contaminated clothing before re-use.
 If on clothes, remove clothes.
- In case of eye contact** : Immediately flush eye(s) with plenty of water.
 Remove contact lenses.
 Protect unharmed eye.
- If swallowed** : Obtain medical attention.
 Do not give milk or alcoholic beverages.
 Never give anything by mouth to an unconscious person.
 If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed** : Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:
 stomach or intestinal upset (nausea, vomiting, diarrhea)
 irritation (nose, throat, airways)
 confusion
 Causes skin irritation.

SAFETY DATA SHEET

Revision Date: 02/09/2022

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 30058

Version: 2.2

Causes serious eye irritation.
 May cause respiratory irritation.
 Causes damage to organs through prolonged or repeated
 exposure if inhaled.

Notes to physician : No hazards which require special first aid measures.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local
 circumstances and the surrounding environment.
 Water spray
 Foam
 Alcohol-resistant foam
 Carbon dioxide (CO₂)
 Dry chemical

Unsuitable extinguishing media : High volume water jet

Specific hazards during firefighting : Organic dusts at sufficient concentration can form explosive
 mixtures in air.
 Never use welding or cutting torch on or near drum (even
 empty) because product (even just residue) can ignite
 explosively.
 Beware of vapours accumulating to form explosive
 concentrations. Vapours can accumulate in low areas.
 Do not allow run-off from fire fighting to enter drains or water
 courses.

Hazardous combustion products : Carbon dioxide (CO₂)
 Carbon monoxide
 Hydrocarbons

Specific extinguishing methods :

Product is compatible with standard fire-fighting agents.

Further information : Fire residues and contaminated fire extinguishing water must
 be disposed of in accordance with local regulations.
 Use a water spray to cool fully closed containers.

SAFETY DATA SHEET

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Polymerization will take place under fire conditions. If polymerization occurs in a closed container, there is a possibility it will rupture violently. Cool storage container with water, if exposed to fire.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Evacuate personnel to safe areas.
Remove all sources of ignition.
Use personal protective equipment.
Ensure adequate ventilation.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
- Other information : Comply with all applicable federal, state, and local regulations.
Suppress (knock down) gases/vapours/mists with a water spray jet.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Open drum carefully as content may be under pressure.
Avoid formation of aerosol.
Provide sufficient air exchange and/or exhaust in work rooms.
Do not breathe vapours/dust.
Do not smoke.
Container hazardous when empty.
Take precautionary measures against static discharges.
Avoid exposure - obtain special instructions before use.

SAFETY DATA SHEET

Revision Date: 02/09/2022

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SDS Number: R0027080

Version: 2.2

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Avoid contact with skin and eyes.
 Smoking, eating and drinking should be prohibited in the application area.
 For personal protection see section 8.
 Dispose of rinse water in accordance with local and national regulations.
 Secondary operations, such as grinding and sanding, may produce dust.
 Maintain good housekeeping. Do not permit dust layers to accumulate, for example, on floors, ledges, and equipment, in order to avoid any potential for dust explosion hazards.

For further guidance on prevention of dust explosions, refer to National Fire Protection Association (NFPA) 654: "Standard for the Prevention of Fire and Dust Explosions, from the Manufacturing, Processing and Handling of Combustible Particulate Solids".

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
 Containers which are opened must be carefully resealed and kept upright to prevent leakage.
 Observe label precautions.
 No smoking.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Styrene	100-42-5	TWA	20 ppm 85 mg/m3	CA AB OEL
		STEL	40 ppm 170 mg/m3	CA AB OEL
		TWA	20 ppm	CA BC OEL
		STEL	40 ppm	CA BC OEL
		TWA	35 ppm	CA ON OEL
		STEL	100 ppm	CA ON OEL
		STEV	100 ppm 426 mg/m3	CA QC OEL
		TWAEV	50 ppm 213 mg/m3	CA QC OEL

SAFETY DATA SHEET

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 30058

Version: 2.2

Engineering measures : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.
 Provide appropriate exhaust ventilation at places where dust is formed.

Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Filter type : Organic vapour type

Hand protection

Material : Laminate (AlphaTec® 02-100 (formerly Barrier®) or Silvershield®)

Break through time : 480 min

Glove thickness : > 0.5 mm

Remarks : The exact break through time can be obtained from the protective glove producer and this has to be observed. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
 The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

Skin and body protection : Wear as appropriate:
 Impervious clothing
 Safety shoes
 Flame-resistant clothing
 Choose body protection according to the amount and concentration of the dangerous substance at the work place.
 Discard gloves that show tears, pinholes, or signs of wear.
 Wear resistant gloves (consult your safety equipment supplier).

Hygiene measures : Wash hands before breaks and at the end of workday.
 When using do not eat or drink.
 When using do not smoke.

SAFETY DATA SHEET

Revision Date: 02/09/2022

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SDS Number: R0027080

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 30058

Version: 2.2

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: liquid
Colour	: amber
Odour	: aromatic
Odour Threshold	: No data available
pH	: No data available
Melting point/freezing point	: No data available
Boiling point/boiling range	: 293 °F / 145 °C Value for Component
Flash point	: 29.4 °C Method: Seta closed cup
Evaporation rate	: No data available
Flammability (solid, gas)	: May form combustible dust concentrations in air (during processing).
Flammability (liquids)	:
Flammability (liquids)	: Static Accumulating liquid
Upper explosion limit	: Upper flammability limit 6.1 %(V) Value for Component
Lower explosion limit	: Lower flammability limit 1.1 %(V) Value for Component
Vapour pressure	: 6.67 hPa (20 °C) Value for Component
Relative vapour density	: > 1(Air = 1.0)
Relative density	: No data available
Density	: 1.13 g/cm ³ (20 °C)
Solubility(ies)	

SAFETY DATA SHEET

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Print Date: 3/25/2022

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Version: 2.2

Hetron™ 197-3 RESIN
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- Water solubility : insoluble
- Solubility in other solvents : No data available
- Partition coefficient: n-octanol/water : No data available
- Thermal decomposition : No data available
- Viscosity
 - Viscosity, dynamic : No data available
 - Viscosity, kinematic : > 20.5 mm²/s (40 °C)
- Oxidizing properties : No data available

SECTION 10. STABILITY AND REACTIVITY

- Reactivity : No decomposition if stored and applied as directed.
- Chemical stability : Stable under recommended storage conditions.
- Possibility of hazardous reactions : Hazardous polymerisation may occur.
 Vapours may form explosive mixture with air.
 This product does not present a dust explosion hazard as delivered. However, fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source, is a potential dust explosion hazard.
- Conditions to avoid : Exposure to air.
 Exposure to sunlight.

 Heat, flames and sparks.
- Incompatible materials : Acids
 aluminum
 aluminum chloride
 Bases
 Copper
 Copper alloys
 halogens
 iron chloride
 metal salts
 Strong oxidizing agents
 Peroxides

SAFETY DATA SHEET

Revision Date: 02/09/2022

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SDS Number: R0027080

Hetron™ 197-3 RESIN
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 in various countries
 30058

Version: 2.2

Hazardous decomposition
 products

Hydrocarbons
 Acetone
 Carbon dioxide (CO₂)
 Carbon monoxide

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Inhalation
 Skin contact
 Eye Contact
 Ingestion

Acute toxicity

Not classified based on available information.

Components:

Styrene:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 11.8 mg/l, 2770 ppm
 Exposure time: 4 h
 Test atmosphere: vapour

No observed adverse effect level (Humans): 100 ppm
 Exposure time: 7 h
 Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg
 Method: OECD Test Guideline 402
 Assessment: No adverse effect has been observed in acute
 dermal toxicity tests.

Skin corrosion/irritation

Causes skin irritation.

Product:

Result: Repeated exposure may cause skin dryness or cracking.

Remarks: May cause skin irritation and/or dermatitis.

Components:

Styrene:

Species: Rabbit

Result: Irritating to skin.

SAFETY DATA SHEET

Revision Date: 02/09/2022

Print Date: 3/25/2022

SDS Number: R0027080

Version: 2.2

Hetron™ 197-3 RESIN
 ™ Trademark, INEOS or its subsidiaries, registered
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 30058

Species: human skin
 Result: No skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin., Causes serious eye irritation.

Components:

Styrene:

Result: Irritating to eyes.

Remarks: Vapour during processing may be irritating to the respiratory tract and to the eyes.

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Components:

Styrene:

Exposure routes: Skin contact

Species: Guinea pig

Assessment: Does not cause skin sensitisation.

Result: negative

Exposure routes: inhalation (vapour)

Species: Humans

Assessment: Does not cause respiratory sensitisation.

Result: negative

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Product:

Carcinogenicity - Assessment : Styrene has been tested for carcinogenicity in rats and mice. Styrene caused lung tumors in mice only. These tumors are not considered to be relevant to humans.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

May cause respiratory irritation.

Components:

Styrene:

Assessment: May cause respiratory irritation.

**SAFETY DATA SHEET**

Revision Date: 02/09/2022

Print Date: 3/25/2022

SDS Number: R0027080

Version: 2.2

Hetron™ 197-3 RESIN
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30058

STOT - repeated exposure

Causes damage to organs (Auditory system) through prolonged or repeated exposure if inhaled.

Components:

Styrene:

Exposure routes: inhalation (vapour)

Target Organs: Auditory system

Assessment: Causes damage to organs through prolonged or repeated exposure.

Repeated dose toxicity**Components:**

Styrene:

Species: Human

85 mg/m³

Application Route: inhalation (vapour)

Species: Human

615 mg/kg

Application Route: Skin contact

Aspiration toxicity

Not classified based on available information.

Components:

Styrene:

May be fatal if swallowed and enters airways.

Further information**Product:**

Remarks: Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**

Ecotoxicology Assessment

Short-term (acute) aquatic hazard : Acute aquatic toxicity Category 2; Toxic to aquatic life.

Long-term (chronic) aquatic hazard : Not classified based on available information.

Components:

Styrene:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 4.02 mg/l
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 4.7 mg/l

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SAFETY DATA SHEET

Revision Date: 02/09/2022

Print Date: 3/25/2022

SDS Number: R0027080

Version: 2.2

Hetron™ 197-3 RESIN

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30058

- aquatic invertebrates Exposure time: 48 h
- Toxicity to algae : ErC50 (Pseudokirchneriella subcapitata (green algae)): 4.9 mg/l
Exposure time: 72 h
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 1.01 mg/l
Exposure time: 21 d
- Toxicity to bacteria : EC50 (activated sludge): ca. 500 mg/l
Exposure time: 0.5 h
- Toxicity to soil dwelling organisms : NOEC (Eisenia fetida (earthworms)): 34 mg/kg
Exposure time: 14 d
Method: OECD Test Guideline 207

Persistence and degradability

Components:

Styrene:

- Biodegradability : Result: Readily biodegradable.
Biodegradation: > 60 %
Exposure time: 10 d

No data available

Bioaccumulative potential

Components:

Styrene:

- Bioaccumulation : Bioconcentration factor (BCF): < 100

- Partition coefficient: n-octanol/water : log Pow: 2.96 (25 °C)

No data available

Mobility in soil

Components:

Styrene:

- Distribution among environmental compartments : Koc: 352

No data available

Other adverse effects

Product:

- Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic life.

Components:

SAFETY DATA SHEET

Revision Date: 02/09/2022

Print Date: 3/25/2022

SDS Number: R0027080

Version: 2.2

Hetron™ 197-3 RESIN
 ™ Trademark, INEOS or its subsidiaries, registered
 in various countries
 30058

Styrene:
 Results of PBT and vPvB assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

General advice : The product should not be allowed to enter drains, water courses or the soil.
 Do not contaminate ponds, waterways or ditches with chemical or used container.
 Send to a licensed waste management company.
 Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Empty remaining contents.
 Dispose of as unused product.
 Empty containers should be taken to an approved waste handling site for recycling or disposal.
 Do not re-use empty containers.
 Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

International transport regulations

REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
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MX_DG

UN 1866	RESIN SOLUTION	3		III	
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INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

UN 1866	Resin solution	3		III	
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INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

UN 1866	Resin solution	3		III	
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**SAFETY DATA SHEET**

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Version: 2.2

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 30058

INTERNATIONAL MARITIME DANGEROUS GOODS

UN	1866	RESIN SOLUTION	3	III
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TDG_INWT_C

UN	1866	RESIN SOLUTION	3	III
----	------	----------------	---	-----

TDG_RAIL_C

UN	1866	RESIN SOLUTION	3	III
----	------	----------------	---	-----

TDG_ROAD_C

UN	1866	RESIN SOLUTION	3	III
----	------	----------------	---	-----

U.S. DOT - INLAND WATERWAYS

UN	1866	Resin solution	3	III
----	------	----------------	---	-----

CFR_RAIL_C

UN	1866	Resin solution	3	III
----	------	----------------	---	-----

U.S. DOT - ROAD

UN	1866	Resin solution	3	III
----	------	----------------	---	-----

*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

Marine pollutant	no
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Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

SECTION 15. REGULATORY INFORMATION

The components of this product are reported in the following inventories:

DSL : All components of this product are on the Canadian DSL

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- AICS : On the inventory, or in compliance with the inventory
- ENCS : On the inventory, or in compliance with the inventory
- KECI : On the inventory, or in compliance with the inventory
- PICCS : Not in compliance with the inventory
- IECSC : On the inventory, or in compliance with the inventory
- TCSI : On the inventory, or in compliance with the inventory
- TSCA : On or in compliance with the active portion of the TSCA inventory

Inventories

AllC (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information

Revision Date: 02/09/2022

NFPA:	HMIS III:						
<p>Flammability: 3 Health: 2 Instability: 2 Special hazard: </p>	<table border="1"> <tr> <td>HEALTH</td> <td>2*</td> </tr> <tr> <td>FLAMMABILITY</td> <td>3</td> </tr> <tr> <td>PHYSICAL HAZARD</td> <td>2</td> </tr> </table> <p>0 = not significant, 1 = Slight, 2 = Moderate, 3 = High 4 = Extreme, * = Chronic</p>	HEALTH	2*	FLAMMABILITY	3	PHYSICAL HAZARD	2
HEALTH	2*						
FLAMMABILITY	3						
PHYSICAL HAZARD	2						

NFPA Flammable and Combustible Liquids Classification

Flammable Liquid Class IC

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30058

Full text of H-Statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure if inhaled.

Sources of key data used to compile the Safety Data Sheet

INEOS internal data including own and sponsored test reports

The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by INEOS's Environmental Health and Safety Department +1-614-790-9299 (in US).

Full text of other abbreviations

AiIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC -

**SAFETY DATA SHEET**

Revision Date: 02/09/2022

Print Date: 3/25/2022

SDS Number: R0027080

Version: 2.2

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New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System