

Safety Data Sheet

Product Identifier: Skid™

Stock Number: B790

Date of the latest revision of the safety data sheet: 04-24-2017

Supercedes:

1 Identification

- (a) Product Identifier: Skid™
Stock Number: B790
- (b) Other means of identification:
Synonyms: None Known
- (c) Recommended use and restrictions on use:
Recommended use: Penetrant
Lubricant
Restrictions on use: Uses not described above.
- (d) Initial Supplier Identifier: Stoner Incorporated
Manufacture/Distributor: 1070 Robert Fulton Hwy.
Quarryville, PA 17566
Tel No.: 1-800-227-5538
Email address: customerservice@stonersolutions.com
- (e) Emergency telephone number and any restrictions on the use of that number, if applicable: 1-800-424-9300 [CHEMTREC]

2 Hazard identification

- (a) Classification of the hazardous product, namely the appropriate category or subcategory of the hazard class identified in Subparts 2 to 19 of Part 7 or Subparts 1 to 11 of Part 8, or a name that is its substantive equivalent, or for Subpart 20 of Part 7 and Subpart 12 of Part 8, the category of the hazard class or a description of the identified hazard:
- Germ Cell Mutagenicity Category 1B
Carcinogenicity Category 1A
Aspiration Hazard Category 1
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2A
Reproductive Toxicity Category 2
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 2
Flammable Liquid Category 3
Acute Toxicity - Dermal Category 4

(b) Information elements referred to in section 3 of Annex 3 of the GHS and in paragraphs 3(1)(d) to (f) of these Regulations for each of those categories or subcategories. If the required information element is a symbol, either the name of the symbol or the symbol itself may be used:

GHS Hazard class symbols:



Signal word:

Danger

Hazard statements:

Flammable liquid and vapour; May be fatal if swallowed and enters

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airways; Harmful in contact with skin; Causes skin irritation; Causes serious eye irritation; May cause genetic defects.; May cause cancer.; Suspected of damaging fertility or the unborn child.; May cause damage to organs through prolonged or repeated exposure

Precautionary statements:

Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof [electrical/ventilating/lighting] equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response:

IF SWALLOWED: Immediately call a POISON CENTER/doctor. If on skin: Wash with plenty of water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/ attention. Call a POISON CENTER/doctor if you feel unwell. Specific treatment (see on this label). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use an appropriate extinguisher (see section 5) to extinguish.

Storage:

Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

Disposal:

Dispose of contents/container to a suitable disposal site in accordance with local/national/international regulations.

(c) Other hazards known to the supplier with respect to the hazardous product:

Physical hazards not otherwise classified None Known

Health hazards not otherwise classified None Known

3 Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS registry number and any unique identifiers	Concentration
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Xylene	None Known	1330-20-7	20 - 40
Solvent naphtha (petroleum), heavy aliph.	None Known	64742-96-7	1-20
Distillates (petroleum), hydrotreated light	None Known	64742-47-8	1-20
Stoddard solvent	None Known	Mixture	1-20
Ethyl benzene	None Known	100-41-4	1-20
Petroleum hydrocarbon	None Known	64742-47-8	1-20
Organic oil	None Known	8002-09-3	1-20
Trimethylbenzene 1,2,4-	None Known	95-63-6	1-20
Naphthalene	None Known	91-20-3	1-20
Trimethylbenzene	None Known	25551-13-7	1-20
Benzene	None Known	71-43-2	0.1- 0.99
Cumene	None Known	98-82-8	0.1- 0.99

4 First-aid measures

(a) A description of necessary first aid measures, subdivided according to the different routes of exposure (inhalation, ingestion, skin and eye contact):

- Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep the victim warm and quiet. Seek immediate medical attention.
- Eye contact:** Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.
- Skin Contact:** Wash clothing before reuse. Seek medical attention if symptoms persist. In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes.
- Ingestion:** Aspiration into the lungs can cause serious damage. Contact a physician, medical facility, or poison control center immediately. Have victim drink 8 to 10 ounces of water to dilute the material in the stomach. Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.

(b) The most important symptoms and effects, whether acute or delayed: May be fatal if swallowed and enters airways Harmful in contact with skin Causes skin irritation Causes serious eye irritation May cause damage to organs through prolonged or repeated exposure

(c) An indication of immediate medical attention and special treatment needed, if necessary: This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: This material is an aspiration hazard. This material is an aspiration hazard. Potential

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danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Inhalation of high concentrations of the material, or one of its components, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material.

5 Fire-fighting measures

(a) Suitable and unsuitable

extinguishing media:

Suitable extinguishing media:

Use CO2, foam or dry chemical.

Unsuitable extinguishing media:

Not available

(b) Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion:

This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. In extreme fire conditions this material may present a floating fire hazard.

(c) Special protective equipment and precautions for firefighters:

Do not direct a solid stream of water or foam into hot burning pools, this may cause frothing and increase fire intensity. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.

6 Accidental release measures

(a) Personal precautions, protective equipment and emergency procedures:

Not available

(b) Methods and materials for containment and cleaning up:

If runoff occurs, notify authorities as required. Ventilate contaminated area. Remove all sources of ignition. Place absorbent materials into container and close it tightly. Dispose of container properly. Clean up with absorbent material. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Stop or reduce discharge if it can be done safely. Wear appropriate personal protective equipment (PPE).

7 Handling and storage

(a) Precautions for safe handling:

Do not store containers in excessive heat or direct sunlight. If ventilation is not sufficient, wear proper respiratory equipment. Do not use near ignition sources. Use bonding and grounding when transferring quantities

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of material. Normal precautions common to safe manufacturing practice should be followed in handling and storage. Wash hands thoroughly after handling. Avoid contact with eyes. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Use with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor.

(b) Conditions for safe storage, including any incompatibilities:

Conditions for safe storage:

Empty container may contain residues which are hazardous. Keep away from heat, sparks and flame. Store in a cool, dry, well ventilated area away from all sources of ignition.

Materials to Avoid/Chemical Incompatibility:

Not available

8 Exposure controls/personal protection

(a) Control parameters, including occupational exposure limit values or biological limit values and the source of those values:

Canada – Alberta – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Xylene	100 PPM TWA; 434 MG/M3 TWA	150 PPM STEL; 651 MG/M3 STEL	Not available
Solvent naphtha (petroleum), heavy aliph.	Not available	Not available	Not available
Distillates (petroleum), hydrotreated light	Not available	Not available	Not available
Stoddard solvent	Not available	Not available	Not available
Ethyl benzene	100 PPM TWA; 434 MG/M3 TWA	543 MG/M3 STEL; 125 PPM STEL	Not available
Petroleum hydrocarbon	Not available	Not available	Not available
Organic oil	Not available	Not available	Not available
Trimethylbenzene 1,2,4-	123 MG/M3 TWA; 25 PPM TWA	Not available	Not available
Naphthalene	10 PPM TWA; 52 MG/M3 TWA	79 MG/M3 STEL; 15 PPM STEL	Not available
Trimethylbenzene	25 PPM TWA; 123 MG/M3 TWA	Not available	Not available
Benzene	3.2 MG/M3 TWA; 1 PPM TWA	16 MG/M3 STEL; 5 PPM STEL	Not available

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Cumene	Not available	Not available	Not available
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Canada – British Columbia– Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Xylene	100 PPM TWA	150 PPM STEL	Not available
Solvent naphtha (petroleum), heavy aliph.	Not available	Not available	Not available
Distillates (petroleum), hydrotreated light	200 MG/M3 TWA	Not available	Not available
Stoddard solvent	Not available	Not available	Not available
Ethyl benzene	100 PPM TWA	125 PPM STEL	Not available
Petroleum hydrocarbon	Not available	Not available	Not available
Organic oil	Not available	Not available	Not available
Trimethylbenzene 1,2,4-	25 PPM TWA	Not available	Not available
Naphthalene	10 PPM TWA	15 PPM STEL	Not available
Trimethylbenzene	25 PPM TWA	Not available	Not available
Benzene	0.5 PPM TWA	2.5 PPM STEL	Not available
Cumene	Not available	Not available	Not available

Canada – Manitoba – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Xylene	Not available	Not available	Not available
Solvent naphtha (petroleum), heavy aliph.	Not available	Not available	Not available
Distillates (petroleum), hydrotreated light	Not available	Not available	Not available
Stoddard solvent	Not available	Not available	Not available
Ethyl benzene	Not available	Not available	Not available
Petroleum hydrocarbon	Not available	Not available	Not available
Organic oil	Not available	Not available	Not available
Trimethylbenzene 1,2,4-	Not available	Not available	Not available
Naphthalene	Not available	Not available	Not available
Trimethylbenzene	Not available	Not available	Not available
Benzene	Not available	Not available	Not available
Cumene	Not available	Not available	Not available

Canada – New Brunswick – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits -	Occupational Exposure Limits -	Occupational Exposure Limits -

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	TWAs	STELs	Ceiling
Xylene	Not available	Not available	Not available
Solvent naphtha (petroleum), heavy aliph.	Not available	Not available	Not available
Distillates (petroleum), hydrotreated light	Not available	Not available	Not available
Stoddard solvent	Not available	Not available	Not available
Ethyl benzene	Not available	Not available	Not available
Petroleum hydrocarbon	Not available	Not available	Not available
Organic oil	Not available	Not available	Not available
Trimethylbenzene 1,2,4-	Not available	Not available	Not available
Naphthalene	Not available	Not available	Not available
Trimethylbenzene	Not available	Not available	Not available
Benzene	Not available	Not available	Not available
Cumene	Not available	Not available	Not available

Canada – Newfoundland & Labrador – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Xylene	Not available	Not available	Not available
Solvent naphtha (petroleum), heavy aliph.	Not available	Not available	Not available
Distillates (petroleum), hydrotreated light	Not available	Not available	Not available
Stoddard solvent	Not available	Not available	Not available
Ethyl benzene	Not available	Not available	Not available
Petroleum hydrocarbon	Not available	Not available	Not available
Organic oil	Not available	Not available	Not available
Trimethylbenzene 1,2,4-	Not available	Not available	Not available
Naphthalene	Not available	Not available	Not available
Trimethylbenzene	Not available	Not available	Not available
Benzene	Not available	Not available	Not available
Cumene	Not available	Not available	Not available

Canada – Northwest Territories – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Xylene	Not available	Not available	Not available
Solvent naphtha (petroleum), heavy aliph.	Not available	Not available	Not available
Distillates (petroleum),	Not available	Not available	Not available

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hydrotreated light			
Stoddard solvent	Not available	Not available	Not available
Ethyl benzene	Not available	Not available	Not available
Petroleum hydrocarbon	Not available	Not available	Not available
Organic oil	Not available	Not available	Not available
Trimethylbenzene 1,2,4-	Not available	Not available	Not available
Naphthalene	Not available	Not available	Not available
Trimethylbenzene	Not available	Not available	Not available
Benzene	Not available	Not available	Not available
Cumene	Not available	Not available	Not available

Canada – Nova Scotia – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Xylene	Not available	Not available	Not available
Solvent naphtha (petroleum), heavy aliph.	Not available	Not available	Not available
Distillates (petroleum), hydrotreated light	Not available	Not available	Not available
Stoddard solvent	Not available	Not available	Not available
Ethyl benzene	Not available	Not available	Not available
Petroleum hydrocarbon	Not available	Not available	Not available
Organic oil	Not available	Not available	Not available
Trimethylbenzene 1,2,4-	Not available	Not available	Not available
Naphthalene	Not available	Not available	Not available
Trimethylbenzene	Not available	Not available	Not available
Benzene	Not available	Not available	Not available
Cumene	Not available	Not available	Not available

Canada – Nunavut – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Xylene	Not available	Not available	Not available
Solvent naphtha (petroleum), heavy aliph.	Not available	Not available	Not available
Distillates (petroleum), hydrotreated light	Not available	Not available	Not available
Stoddard solvent	Not available	Not available	Not available
Ethyl benzene	Not available	Not available	Not available
Petroleum hydrocarbon	Not available	Not available	Not available
Organic oil	Not available	Not available	Not available

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Trimethylbenzene 1,2,4-	Not available	Not available	Not available
Naphthalene	Not available	Not available	Not available
Trimethylbenzene	Not available	Not available	Not available
Benzene	Not available	Not available	Not available
Cumene	Not available	Not available	Not available

Canada – Ontario – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Xylene	Not available	Not available	Not available
Solvent naphtha (petroleum), heavy aliph.	Not available	Not available	Not available
Distillates (petroleum), hydrotreated light	Not available	Not available	Not available
Stoddard solvent	Not available	Not available	Not available
Ethyl benzene	100 PPM TWA; 435 MG/M3 TWA	125 PPM STEL; 540 MG/M3 STEL	Not available
Petroleum hydrocarbon	Not available	Not available	Not available
Organic oil	Not available	Not available	Not available
Trimethylbenzene 1,2,4-	Not available	Not available	Not available
Naphthalene	52 MG/M3 TWA; 10 PPM TWA	15 PPM STEL; 78 MG/M3 STEL	Not available
Trimethylbenzene	Not available	Not available	Not available
Benzene	0.5 PPM TWA	2.5 PPM STEL	Not available
Cumene	Not available	Not available	Not available

Canada – Prince Edward Island – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Xylene	Not available	Not available	Not available
Solvent naphtha (petroleum), heavy aliph.	Not available	Not available	Not available
Distillates (petroleum), hydrotreated light	Not available	Not available	Not available
Stoddard solvent	Not available	Not available	Not available
Ethyl benzene	Not available	Not available	Not available
Petroleum hydrocarbon	Not available	Not available	Not available
Organic oil	Not available	Not available	Not available
Trimethylbenzene 1,2,4-	Not available	Not available	Not available
Naphthalene	Not available	Not available	Not available

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Trimethylbenzene	Not available	Not available	Not available
Benzene	Not available	Not available	Not available
Cumene	Not available	Not available	Not available

Canada – Quebec – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWA EVs	Occupational Exposure Limits - STEVs	Occupational Exposure Limits - Ceiling
Xylene	100 PPM TWA; 434 MG/M3 TWA	150 PPM STEL; 651 MG/M3 STEL	Not available
Solvent naphtha (petroleum), heavy aliph.	Not available	Not available	Not available
Distillates (petroleum), hydrotreated light	Not available	Not available	Not available
Stoddard solvent	Not available	Not available	Not available
Ethyl benzene	434 MG/M3 TWA; 100 PPM TWA	125 PPM STEL; 543 MG/M3 STEL	Not available
Petroleum hydrocarbon	Not available	Not available	Not available
Organic oil	Not available	Not available	Not available
Trimethylbenzene 1,2,4-	123 MG/M3 TWA; 25 PPM TWA	Not available	Not available
Naphthalene	52 MG/M3 TWA; 10 PPM TWA	15 PPM STEL; 79 MG/M3 STEL	Not available
Trimethylbenzene	25 PPM TWA; 123 MG/M3 TWA	Not available	Not available
Benzene	1 PPM TWA; 3 MG/M3 TWA	15.5 MG/M3 STEL; 5 PPM STEL	Not available
Cumene	Not available	Not available	Not available

Canada – Saskatchewan – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Xylene	Not available	Not available	Not available
Solvent naphtha (petroleum), heavy aliph.	Not available	Not available	Not available
Distillates (petroleum), hydrotreated light	Not available	Not available	Not available
Stoddard solvent	Not available	Not available	Not available
Ethyl benzene	Not available	Not available	Not available
Petroleum hydrocarbon	Not available	Not available	Not available
Organic oil	Not available	Not available	Not available
Trimethylbenzene 1,2,4-	Not available	Not available	Not available

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Naphthalene	Not available	Not available	Not available
Trimethybenzene	Not available	Not available	Not available
Benzene	Not available	Not available	Not available
Cumene	Not available	Not available	Not available

Canada - Yukon – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Xylene	Not available	Not available	Not available
Solvent naphtha (petroleum), heavy aliph.	Not available	Not available	Not available
Distillates (petroleum), hydrotreated light	Not available	Not available	Not available
Stoddard solvent	Not available	Not available	Not available
Ethyl benzene	Not available	Not available	Not available
Petroleum hydrocarbon	Not available	Not available	Not available
Organic oil	Not available	Not available	Not available
Trimethylbenzene 1,2,4-	Not available	Not available	Not available
Naphthalene	Not available	Not available	Not available
Trimethybenzene	Not available	Not available	Not available
Benzene	Not available	Not available	Not available
Cumene	Not available	Not available	Not available

Chemical Name	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL	IDLH
Xylene	Not available	434 MG/M3 TWA; 100 PPM TWA	150 PPM STEL; 651 MG/M3 STEL	Not available
Solvent naphtha (petroleum), heavy aliph.	Not available	Not available	Not available	Not available
Distillates (petroleum), hydrotreated light	Not available	Not available	Not available	Not available
Stoddard solvent	Not available	Not available	Not available	Not available
Ethyl benzene	Not available	20 PPM TWA	Not available	Not available
Petroleum hydrocarbon	Not available	Not available	Not available	Not available
Organic oil	Not available	Not available	Not available	Not available
Trimethylbenzene 1,2,4-	Not available	123 MG/M3 TWA; 25 PPM TWA	Not available	Not available
Naphthalene	Not available	10 PPM TWA; 52 MG/M3 TWA	15 PPM STEL; 79 MG/M3 STEL	Not available
Trimethybenzene	Not available	123 MG/M3	Not available	Not available

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		TWA; 25 PPM TWA		
Benzene	Not available	1.6 MG/M3 TWA; 0.5 PPM TWA	2.5 PPM STEL; 8 MG/M3 STEL	Not available
Cumene	Not available	Not available	Not available	Not available

(b) Appropriate engineering controls:

Local exhaust should be used in areas where exposure limits may be exceeded.

No exposure limits exist for the constituents of this product.

Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the SDS (from known, suspected or apparent adverse effects).

(c) Individual protection measures, such as personal protective equipment:

Respiratory Protection:

Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator.

Eye and face protection:

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Have an eye wash station available.

Skin Protection:

The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Hand protection:

Not available

Other protective equipment:

Not available

General hygiene conditions:

Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling.

9 Physical and chemical properties

(a) Appearance, such as physical state and colour:

Physical state:

Bulk liquid

Colour:

Light amber

(b) Odour:

Aromatic

Petroleum solvent

Slight

(c) Odour threshold:

Not available

(d) pH:

Not applicable

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(e) Melting point and freezing point:	Not available
(f) Initial boiling point and boiling range:	Not available
(g) Flash point:	Not available
(h) Evaporation rate:	Not determined
(i) Flammability, in the case of solids and gases:	Not available
(j) Upper and lower flammability or explosive limits:	
Upper flammable or explosive limit, % in air:	7
Lower flammable or explosive limit, % in air:	0.5
(k) Vapour pressure:	Not available
(l) Vapour density:	2.744574
(m) Relative density:	1
(n) Solubility:	Not determined
(o) Partition coefficient — n-octanol/water:	Not available
(p) Auto-ignition temperature:	Not available
(q) Decomposition temperature:	Not available
(r) Viscosity:	120 mm ² /s at 40 °C (104 °F) ASTM D 445

10 Stability and reactivity

(a) Reactivity:	Not available
(b) Chemical stability:	Stable.
(c) Possibility of hazardous reactions:	Not available
(d) Conditions to avoid, including static discharge, shock or vibration:	Open flames and high temperatures. Strong acids. Strong bases. Hypochlorites. Chlorine. Strong oxidizing agents. Avoid contact with: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces.
(e) Incompatible materials:	Not available
(f) Hazardous decomposition products:	Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Aldehydes. Various hydrocarbons. Alcohols. Ethers. Ketones. Polymer fragments. Carbon Monoxide.

11 Toxicological information

Description of the various toxic health effects and the data used to identify those effects:

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(a) Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Skin Eye

(b) Symptoms related to the physical, chemical and toxicological characteristics: May be fatal if swallowed and enters airways Harmful in contact with skin Causes skin irritation Causes serious eye irritation May cause damage to organs through prolonged or repeated exposure

(c) Delayed and immediate effects, and chronic effects from short-term and long-term exposure:

Immediate effects from short term exposure:

Inhalation Toxicity: High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.

Skin Contact: This material is estimated to be slightly irritating (Primary Irritation Index is 0.5 - 3.0 [rabbits]). Can cause severe irritation. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, discomfort, drying and cracking, or rash. Skin contact may cause irritation.

Eye Contact: Classification is based on pH and the components listed in Section 3.

Ingestion Toxicity: Not available

Delayed and chronic effects from long term exposure:

Sensitization: Not available

Mutagenicity: Not available

Carcinogenicity: Based on available information, this material cannot be classified with regard to carcinogenicity. A component in this material has been shown to cause cancer in laboratory animals. The relevance of this finding to humans is uncertain. THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Classification has been based on toxicological information of the components in Section 3.

Aspiration hazard: Classification has been based on toxicological information of the components in Section 3.

(d) Numerical measures of toxicity, including ATEs

Information on toxicological effects:

Acute toxicity:

ATEmix (Oral) 454.036505 mg/kg

ATEmix (Dermal) 1346.011654 mg/kg

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Stock Number: B790

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Supercedes:

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Xylenes	ORAL LD50 Mouse 2119 mg/kg ORAL LD50 Rat 4300 mg/kg	DERMAL LD50 Rabbit 1700 mg/kg	INHALATION LC50 Rat 5000 ppm
Ethyl benzene		DERMAL LD50 Rabbit 5000 mg/kg	INHALATION LC50 Mouse 35500 MG/M3
Trimethylbenzene 1,2,4-	ORAL LD50 Rat 5 GM/KG ORAL LD50 Mouse 6900 mg/kg		INHALATION LC50 Rat 18000 MG/M3
Naphthalene	ORAL LD50 Mouse 316 mg/kg	DERMAL LD50 Rabbit 20 GM/KG	
Trimethybenzene	ORAL LD50 Rat 8970 mg/kg		
Benzene	ORAL LD50 Mouse 4700 mg/kg ORAL LD50 Rat 6400 mg/kg ORAL LD50 Rat 930 mg/kg ORAL LD50 Rat 1 ml/kg ORAL LD50 Rat 1800 mg/kg	DERMAL LD50 Mouse 48 mg/kg DERMAL LD50 GUINEA PIG 9400 UL/KG DERMAL LD50 Rabbit 9400 UL/KG	INHALATION LC50 Mouse 9980 ppm INHALATION LC50 Rat 10000 ppm
n-Hexane			INHALATION LC50 Mouse 150000 MG/M3 INHALATION LC50 Rat 48000 ppm
Toluene			INHALATION LC50 Rat 49 GM/M3
Propylene oxide	ORAL LD50 Rat 380 mg/kg ORAL LD50 Mouse 440 mg/kg ORAL LD50 GUINEA PIG 660 mg/kg	DERMAL LD50 Rabbit 1500 UL/KG	INHALATION LC50 Mouse 1740 ppm INHALATION LC50 Rat 4000 ppm

12 Ecological information

(a) Ecotoxicity (aquatic and terrestrial, if available): Not available

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Ecological Toxicity Data:

Chemical Name	CAS registry number and any unique identifiers	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Xylene	1330-20-7	Aquatic LC50 (24h) Daphnia 100 - 1000 mg/L	Code:	Aquatic LC50 (96h) MINNOW 24 - 30 mg/L
Distillates (petroleum), hydrotreated light	64742-47-8	48HR EL50 Daphnia 1.4 mg/L	72HR EL50 Algae 1 mg/L	96HR LL50 Rainbow Trout 2 mg/L
NJ Trade Secret Registry	# 80100382-5110P	48HR EC50 Daphnia = 26 mg/L	IC50-16HR Bacteria = 19000 mg/L	Aquatic LC50 (96h) MINNOW = 20 - 65 mg/L
Ethyl benzene	100-41-4	48HR EC50 Daphnia = 9.55 mg/L	72HR EC50 Algae 4.9 mg/L	Aquatic LC50 (96h) Rainbow Trout = 8.4 mg/L
NJ Trade Secret Registry Organic oil	8002-09-3	48HR EC50 Daphnia 24 mg/L	72HR EC50 Algae > 15 mg/L	Aquatic LC50 (96h) Rainbow Trout 18 mg/L
Trimethylbenzene 1,2,4-	95-63-6	Not available	Not available	Aquatic LC50 (96h) MINNOW = 7.19 - 8.28 mg/L
Naphthalene	91-20-3	48HR EC50 Daphnia = 1.09 - 3.4 mg/L	Not available	Aquatic LC50 (96h) Rainbow Trout = 0.91 - 2.82 mg/L
Trimethylbenzene	25551-13-7	Not available	Not available	Aquatic LC50 (96h) MINNOW = 7.19 - 8.28 mg/L
Benzene	71-43-2	Not available	Not available	NRH NR ONCORHYNCHUS MYKISS 0.00028 ul/l NRH NR ONCORHYNCHUS MYKISS 23.2 ul/l
n-Hexane	110-54-3	Not available	Not available	96H LC50 PIMEPHALES PROMELAS 970 ul/l 48H LC50 PIMEPHALES PROMELAS 70 ul/l 96H EC50 PIMEPHALES PROMELAS 950 ul/l
Toluene	108-88-3	24HR EC50 Daphnia	Not available	Aquatic LC50 (96h)

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		> 10000 mg/L	MINNOW = 9640 mg/L
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- (b) Persistence and degradability: No data available.
- (c) Bioaccumulative potential: Not available
- (d) Mobility in soil: Not available
- (e) Other adverse effects: Not available

13 Disposal considerations

Information on safe handling for disposal and methods of disposal, including any contaminated packaging: Spent or discarded material is a hazardous waste.

14 Transport information

Transportation of Dangerous Goods by land (TDG):

- (a) UN number: UN1268
- (b) United Nations proper shipping name as provided for in the United Nations Model Regulations: Petroleum distillates, n.o.s.
- (c) Transport hazard class as provided in the United Nations Model Regulations: 3
- (d) Packing group as provided in the United Nations Model Regulations: III

International carriage of dangerous goods by sea (IMDG/IMO):

- (a) UN number: UN1268
- (b) United Nations proper shipping name as provided for in the United Nations Model Regulations: Petroleum distillates, n.o.s.
- (c) Transport hazard class as provided in the United Nations Model Regulations: 3
- (d) Packing group as provided in the United Nations Model Regulations: III

International carriage of dangerous goods by air (IATA):

- (a) UN number: UN1268
- (b) United Nations proper shipping name as provided for in the United Nations Model Regulations: Petroleum distillates, n.o.s.
- (c) Transport hazard class as provided in the United Nations Model Regulations: 3
- (d) Packing group as provided in the United Nations Model Regulations: III
- (e) Environmental hazards according to: Not available

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Supersedes:

the International Maritime Dangerous Goods Code and the United Nations Model Regulations:

(f) Transport in bulk (according to Annex II of the International Convention for the Prevention of Pollution From Ships, 1973, as modified by the Protocol of 1978 (MARPOL 73/78) and the International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (IBC Code)): Not available

(g) Special precautions in connection with transport or conveyance either within or outside the premises:

Not available

15 Regulatory information

Safety, health and environmental regulations, made within or outside Canada, specific to the product in question:

Canada - Domestic Substances List (DSL):

Chemical Name	CAS No	Canada - Domestic Substances List (DSL)
Xylene	1330-20-7	Yes
Solvent naphtha (petroleum), heavy aliph.	64742-96-7	Yes
Distillates (petroleum), hydrotreated light	64742-47-8	Yes
Stoddard solvent	Mixture	Yes
Ethyl benzene	100-41-4	Yes
Petroleum hydrocarbon	64742-47-8	Yes
Organic oil	8002-09-3	Yes
Trimethylbenzene 1,2,4-	95-63-6	Yes
Naphthalene	91-20-3	Yes
Trimethylbenzene	25551-13-7	Yes
Benzene	71-43-2	Yes
Cumene	98-82-8	Yes

Canada - Non-Domestic Substances List (NDSL):

Chemical Name	CAS No	Canada - Non-Domestic Substances List (NDSL)
Xylene	1330-20-7	No

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Supercedes:

Solvent naphtha (petroleum), heavy aliph.	64742-96-7	No
Distillates (petroleum), hydrotreated light	64742-47-8	No
Stoddard solvent	Mixture	No
Ethyl benzene	100-41-4	No
Petroleum hydrocarbon	64742-47-8	No
Organic oil	8002-09-3	No
Trimethylbenzene 1,2,4-	95-63-6	No
Naphthalene	91-20-3	No
Trimethylbenzene	25551-13-7	No
Benzene	71-43-2	No
Cumene	98-82-8	No

Canada - Controlled Drugs and Substances:

Chemical Name	CAS No	Schedule I	Schedule II	Schedule III	Schedule IV	Schedule V	Schedule VII	Schedule VIII
Xylene	1330-20-7	No	No	No	No	No	No	No
Solvent naphtha (petroleum), heavy aliph.	64742-96-7	No	No	No	No	No	No	No
Distillates (petroleum), hydrotreated light	64742-47-8	No	No	No	No	No	No	No
Stoddard solvent	Mixture	No	No	No	No	No	No	No
Ethyl benzene	100-41-4	No	No	No	No	No	No	No
Petroleum hydrocarbon	64742-47-8	No	No	No	No	No	No	No
Organic oil	8002-09-3	No	No	No	No	No	No	No
Trimethylbenzene 1,2,4-	95-63-6	No	No	No	No	No	No	No
Naphthalene	91-20-3	No	No	No	No	No	No	No
Trimethylbenzene	25551-13-7	No	No	No	No	No	No	No
Benzene	71-43-2	No	No	No	No	No	No	No
Cumene	98-82-8	No	No	No	No	No	No	No

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Supercedes:

Chemical Name	CAS No	Class A Precursors	Class B Precursors	Exempt Precursors	Class 1 Targeted Substances	Class 2 Targeted Substances
Xylene	1330-20-7	No	No	No	No	No
Solvent naphtha (petroleum), heavy aliph.	64742-96-7	No	No	No	No	No
Distillates (petroleum), hydrotreated light	64742-47-8	No	No	No	No	No
Stoddard solvent	Mixture	No	No	No	No	No
Ethyl benzene	100-41-4	No	No	No	No	No
Petroleum hydrocarbon	64742-47-8	No	No	No	No	No
Organic oil	8002-09-3	No	No	No	No	No
Trimethylbenzene 1,2,4-	95-63-6	No	No	No	No	No
Naphthalene	91-20-3	No	No	No	No	No
Trimethybenzene	25551-13-7	No	No	No	No	No
Benzene	71-43-2	No	No	No	No	No
Cumene	98-82-8	No	No	No	No	No

Canada - CEPA - Schedule III Export Control List:

Chemical Name	CAS No	Part 1 Prohibited Substances	Part 2 Substances Subject to Notification or Consent	Part 3 Restricted Substances	Export Control List
Xylene	1330-20-7	No	No	No	No
Solvent naphtha (petroleum), heavy aliph.	64742-96-7	No	No	No	No
Distillates (petroleum), hydrotreated light	64742-47-8	No	No	No	No
Stoddard solvent	Mixture	No	No	No	No
Ethyl benzene	100-41-4	No	No	No	No
Petroleum hydrocarbon	64742-47-8	No	No	No	No

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Organic oil	8002-09-3	No	No	No	No
Trimethylbenzene 1,2,4-	95-63-6	No	No	No	No
Naphthalene	91-20-3	No	No	No	No
Trimethylbenzene	25551-13- 7	No	No	No	No
Benzene	71-43-2	No	No	No	No
Cumene	98-82-8	No	No	No	No

Canada CEPA - 2015 Greenhouse Gases (GHG) Subject to Mandatory Reporting:

Chemical Name	CAS No	Canada CEPA - 2015 Greenhouse Gases (GHG) Subject to Mandatory Reporting
Xylene	1330-20-7	No
Solvent naphtha (petroleum), heavy aliph.	64742-96-7	No
Distillates (petroleum), hydrotreated light	64742-47-8	No
Stoddard solvent	Mixture	No
Ethyl benzene	100-41-4	No
Petroleum hydrocarbon	64742-47-8	No
Organic oil	8002-09-3	No
Trimethylbenzene 1,2,4-	95-63-6	No
Naphthalene	91-20-3	No
Trimethylbenzene	25551-13-7	No
Benzene	71-43-2	No
Cumene	98-82-8	No

Canada - Narcotic Control Regulations (C.R.C., c. 1041):

Chemical Name	CAS No	Canada - Narcotic Control Regulations (C.R.C., c. 1041)
Xylene	1330-20-7	No
Solvent naphtha (petroleum), heavy aliph.	64742-96-7	No
Distillates (petroleum), hydrotreated light	64742-47-8	No
Stoddard solvent	Mixture	No
Ethyl benzene	100-41-4	No
Petroleum hydrocarbon	64742-47-8	No

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Organic oil	8002-09-3	No
Trimethylbenzene 1,2,4-	95-63-6	No
Naphthalene	91-20-3	No
Trimethybenzene	25551-13-7	No
Benzene	71-43-2	No
Cumene	98-82-8	No

Canada - Ontario - Toxics Reduction - List of Priority Toxics:

Chemical Name	CAS No	Canada - Ontario - Toxics Reduction - List of Priority Toxics
Xylene	1330-20-7	No
Solvent naphtha (petroleum), heavy aliph.	64742-96-7	No
Distillates (petroleum), hydrotreated light	64742-47-8	No
Stoddard solvent	Mixture	No
Ethyl benzene	100-41-4	No
Petroleum hydrocarbon	64742-47-8	No
Organic oil	8002-09-3	No
Trimethylbenzene 1,2,4-	95-63-6	No
Naphthalene	91-20-3	No
Trimethybenzene	25551-13-7	No
Benzene	71-43-2	No
Cumene	98-82-8	No

Stockholm Convention on Persistent Organic Pollutants:

Chemical Name	CAS No	Stockholm Convention on Persistent Organic Pollutants
Xylene	1330-20-7	No
Solvent naphtha (petroleum), heavy aliph.	64742-96-7	No
Distillates (petroleum), hydrotreated light	64742-47-8	No
Stoddard solvent	Mixture	No
Ethyl benzene	100-41-4	No
Petroleum hydrocarbon	64742-47-8	No
Organic oil	8002-09-3	No
Trimethylbenzene 1,2,4-	95-63-6	No

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Supersedes:

Naphthalene	91-20-3	No
Trimethybenzene	25551-13-7	No
Benzene	71-43-2	No
Cumene	98-82-8	No

Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade:

Chemical Name	CAS No	Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade .
Xylene	1330-20-7	No
Solvent naphtha (petroleum), heavy aliph.	64742-96-7	No
Distillates (petroleum), hydrotreated light	64742-47-8	No
Stoddard solvent	Mixture	No
Ethyl benzene	100-41-4	No
Petroleum hydrocarbon	64742-47-8	No
Organic oil	8002-09-3	No
Trimethylbenzene 1,2,4-	95-63-6	No
Naphthalene	91-20-3	No
Trimethybenzene	25551-13-7	No
Benzene	71-43-2	No
Cumene	98-82-8	No

(United Nations) - Kyoto Protocol - Convention on Climate Change - Greenhouse Gases (GHGs):

Chemical Name	CAS No	(United Nations) - Kyoto Protocol - Convention on Climate Change - Greenhouse Gases (GHGs)
Xylene	1330-20-7	No
Solvent naphtha (petroleum), heavy aliph.	64742-96-7	No
Distillates (petroleum), hydrotreated light	64742-47-8	No
Stoddard solvent	Mixture	No
Ethyl benzene	100-41-4	No
Petroleum hydrocarbon	64742-47-8	No
Organic oil	8002-09-3	No

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Trimethylbenzene 1,2,4-	95-63-6	No
Naphthalene	91-20-3	No
Trimethylbenzene	25551-13-7	No
Benzene	71-43-2	No
Cumene	98-82-8	No

Montreal Protocol on Substances that Deplete the Ozone Layer:

Chemical Name	CAS No	Montreal Protocol on Substances that Deplete the Ozone Layer
Xylene	1330-20-7	No
Solvent naphtha (petroleum), heavy aliph.	64742-96-7	No
Distillates (petroleum), hydrotreated light	64742-47-8	No
Stoddard solvent	Mixture	No
Ethyl benzene	100-41-4	No
Petroleum hydrocarbon	64742-47-8	No
Organic oil	8002-09-3	No
Trimethylbenzene 1,2,4-	95-63-6	No
Naphthalene	91-20-3	No
Trimethylbenzene	25551-13-7	No
Benzene	71-43-2	No
Cumene	98-82-8	No

Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.:

Chemical Name	CAS No	Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.
Xylene	1330-20-7	No
Solvent naphtha (petroleum), heavy aliph.	64742-96-7	No
Distillates (petroleum), hydrotreated light	64742-47-8	No
Stoddard solvent	Mixture	No
Ethyl benzene	100-41-4	No
Petroleum hydrocarbon	64742-47-8	No
Organic oil	8002-09-3	No
Trimethylbenzene 1,2,4-	95-63-6	No

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Supercedes:

Naphthalene	91-20-3	No
Trimethybenzene	25551-13-7	No
Benzene	71-43-2	No
Cumene	98-82-8	No

16 Other information

Date of the latest revision of the safety data sheet: 04-24-2017

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Other Information: SDS Prepared by L. Dean Swartz, SDS Coordinator

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