SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label

: Mineral Spirits

Product Code(s)

: None reported.

Recommended use of the chemical and restrictions on use

: Industrial solvent.

Use pattern: Professional Use Only

Restriction on use: None known

Chemical family

: Petroleum distillates

Name, address, and telephone number of the supplier:
Comet Chemical Company Ltd.
3463 Thomas Street
Innisfill, ON, Canada
L9S 3W4

Supplier's Telephone # : 705-436-5580

24 Hr. Emergency Tel # : TERRRAPURE ENVIRONMENTAL : 800-567-7455

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Clear colourless liquid. Petroleum hydrocarbon odour.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Hazard classification:

Flammable Liquids - Category 3
Skin Irritation - Category 2
Specific Target Organ Toxicity, Single Exposure - Category 3 narcotic effects
Aspiration toxicity: Category 1

Label elements

Hazard pictogram(s)

Signal Word

DANGER!

Hazard statement(s)

Flammable liquid and vapor.
Causes skin irritation.
May cause drowsiness and dizziness.
May be fatal if swallowed and enters airways.
**Precautionary statement(s)**

Keep away from heat, sparks and open flame. - No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof electrical and ventilating equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing mist or vapours.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves and eye/face protection.

**IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
If skin irritation occurs: Get medical advice/attention.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.
If swallowed: Immediately call a poison center/doctor.
Do NOT induce vomiting.
In case of fire: Use water fog, dry chemical, CO2 or ‘alcohol’ foam to extinguish.

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

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Other hazards**

Other hazards which do not result in classification:
Ingestion may cause irritation of the mouth, throat and stomach. May cause respiratory irritation. Contact with eyes may cause irritation.
Prolonged or repeated contact may cause drying, cracking and defatting of the skin.

Environmental precautions:
Avoid release to the environment. Toxic to aquatic life with long lasting effects. See ECOLOGICAL INFORMATION, Section 12.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS #</th>
<th>Concentration (% by weight)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent (mineral spirits)</td>
<td>Mineral spirits; White spirits; High flash naphtha</td>
<td>8052-41-3</td>
<td>100.00</td>
</tr>
<tr>
<td>Hydrotreated light distillate</td>
<td>Distillates (petroleum), hydrotreated light</td>
<td>64742-47-8</td>
<td>100.00</td>
</tr>
<tr>
<td>Trimethylbenzenes (mixed isomers)</td>
<td>Trimethylbenzene (mixed isomers) Methylxylenes</td>
<td>25551-13-7</td>
<td>Trace</td>
</tr>
<tr>
<td>Xylenes</td>
<td>Dimethylbenzene; Methyltoluene; Xylol</td>
<td>1330-20-7</td>
<td>Trace</td>
</tr>
<tr>
<td>Cumene</td>
<td></td>
<td>98-82-8</td>
<td>Trace</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>Ethylbenzol Phenylethane</td>
<td>100-41-4</td>
<td>Trace</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

Note that this product may contain either of the above mentioned CAS numbers.

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

Ingestion: If swallowed: Immediately call a poison center/doctor. Do not induce vomiting. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.

Inhalation: Immediately remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact: Wash affected areas with soap and water. Take off contaminated clothing and wash before re-use. Get medical attention if irritation develops and persists.

Eye contact: Flush with large amounts of water for 15 minutes. Remove contact lenses, if present and easy to do. If irritation or symptoms develop, seek medical attention.

Most important symptoms and effects, both acute and delayed

Causes skin irritation. Symptoms may include redness, edema, drying defatting and cracking of the skin. Aspiration hazard - material may cause lung inflammation or damage if it enters lungs through vomiting or swallowing. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal. May cause respiratory irritation. May cause headache, nausea, dizziness and other symptoms of central nervous system depression. May cause central nervous system effects. Symptoms may include coughing, choking and wheezing. Direct eye contact may cause temporary redness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May have laxative effects.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Aspiration hazard. This product is a CNS depressant.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture / Conditions of flammability

Flammable liquid and vapour. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Vapour can travel considerable distance and flashback to a source of ignition. Vapours are heavier than air and collect in confined and low-lying areas.

Flammability classification (OSHA 29 CFR 1910.106)

Flammable Liquids - Category 3

Hazardous combustion products

Carbon dioxide and carbon monoxide. Other unidentified organic compounds.

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. A full-body chemical resistant suit should be worn.

Special fire-fighting procedures: Evacuate personnel to safe areas. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. Dike for water control. Avoid release to the environment.
SAFETY DATA SHEET

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

: All persons dealing with clean-up should wear the appropriate protective equipment including self-contained breathing apparatus. Keep all other personnel upwind and away from the spill/release. Restrict access to area until completion of clean-up. Refer to Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION, for additional information on acceptable personal protective equipment.

Environmental precautions

: Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. For large spills, dike the area to prevent spreading.

Methods and material for containment and cleaning up

: Ventilate the area. Prevent further leakage or spillage if safe to do so. Dike for water control. Use only non-sparking tools and equipment in the clean-up process. Spilled material will create slippery surfaces. Clean up promptly. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Contact the proper local authorities.

Special spill response procedures

: In case of transportation accident, contact TERRAPURE ENVIRONMENTAL at 1-800-567-7455.

US CERCLA Reportable quantity (RQ): None reportable.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

: Use only outdoors or in a well-ventilated area. Wear suitable protective equipment. Avoid breathing mist or vapours. Avoid contact with skin, eyes and clothing. Keep away from heat and open flames. - No smoking. Use only non-sparking tools. Use explosion-proof electrical/ventilating/lighting/equipment. Take precautionary measures against static discharges. Bond and ground transfer containers and equipment to avoid static accumulation. Label containers appropriately. Wash thoroughly after handling. Keep containers closed when not in use.

Conditions for safe storage

: Store locked up. Store in a cool, dry, well-ventilated area. Keep container tightly closed. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks.

Incompatible materials

: Strong oxidizers (e.g. Chlorine, Peroxides, etc.).
SAFETY DATA SHEET

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th></th>
<th>OSHA PEL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TWA</td>
<td>STEL</td>
<td>PEL</td>
<td>STEL</td>
</tr>
<tr>
<td>Stoddard solvent (mineral spirits)</td>
<td>100 ppm</td>
<td>N/Av</td>
<td>500 ppm</td>
<td>2900 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
<tr>
<td>Hydrotreated light distillate</td>
<td>200 mg/m³ (as total hydrocarbon vapour)</td>
<td>N/Av</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
<tr>
<td>Trimethylbenzenes (mixed isomers)</td>
<td>25 ppm</td>
<td>N/Av</td>
<td>25 ppm</td>
<td>N/Av</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(final rule limit)</td>
<td>N/Av</td>
</tr>
<tr>
<td>Xylenes</td>
<td>100 ppm</td>
<td>150 ppm</td>
<td>100 ppm (435 mg/m³)</td>
<td>N/Av</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N/Av</td>
</tr>
<tr>
<td>Cumene</td>
<td>50 ppm</td>
<td>N/Av</td>
<td>50 ppm (245 mg/m³) (Skin)</td>
<td>N/Av</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N/Av</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>20 ppm</td>
<td>N/Av</td>
<td>100 ppm (435 mg/m³)</td>
<td>N/Av</td>
</tr>
</tbody>
</table>

Exposure controls

Ventilation and engineering measures

- Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapours below their respective threshold limit value. Use explosion-proof electrical and ventilating equipment.

Respiratory protection

- Respiratory protection is required if the concentrations exceed the TLV. Use a NIOSH approved dust respirator if dust levels exceed exposure limits. Seek advice from respiratory protection specialists.

Skin protection

- Wear protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye / face protection

- Wear eye/face protection. Chemical safety glasses with side shields or splash proof goggles.

Other protective equipment

- Wear appropriate protective clothing to prevent skin contact, such as coveralls or long sleeved shirt, long pants, and shoes and socks. An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.

General hygiene considerations

- Avoid breathing mist or vapours. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Clear colourless liquid.

Odour

- Mild petroleum odour.

Odour threshold

- No information available.

pH

- No information available.

Melting/Freezing point

- -58°C (-72.4°F)

Initial boiling point and boiling range

- 157-218°C (314.6-424.4°F)

Flash point

- 42°C

Flashpoint (Method)

- closed cup
SAFETY DATA SHEET

Evaporation rate (BuAe = 1) : No information available.
Flammability (solid, gas) : Not applicable.
Lower flammable limit (% by vol.) : 0.6%
Upper flammable limit (% by vol.) : 8%
Oxidizing properties : None known.
Explosive properties : Not explosive
Vapour pressure : 0.22 mm Hg
Vapour density : 4.5
Relative density / Specific gravity : 0.79g/cm³
Solubility in water : Insoluble.
Other solubility(ies) : No information available.
Partition coefficient: n-octanol/water or Coefficient of water/oil distribution : Not available.
Auto-ignition temperature : 230°C (446°F)
Decomposition temperature : No information available.
Viscosity : No information available.
Volatile (% by weight) : No information available.
Volatile organic Compounds (VOC's) : No information available.
Absolute pressure of container : N/Ap
Flame projection length : N/Ap
Other physical/chemical comments : None known or reported by the manufacturer.

SECTION 10. STABILITY AND REACTIVITY
Reactivity : Not normally reactive.
Chemical stability : Stable under normal conditions.
Possibility of hazardous reactions : Hazardous polymerization does not occur.
Conditions to avoid : Ensure adequate ventilation, especially in confined areas. Avoid contact with incompatible materials.
Incompatible materials : See Section 7 (Handling and Storage) for further details.
Hazardous decomposition products : None known, refer to hazardous combustion products in Section 5.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:
Routes of entry inhalation : YES
Routes of entry skin & eye : YES
Routes of entry Ingestion : YES
Routes of exposure skin absorption : NO
SAFETY DATA SHEET

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation
- May cause respiratory tract irritation. Symptoms may include coughing, choking and wheezing.

Sign and symptoms ingestion
- Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard if swallowed - can enter lungs and cause damage. Aspiration may cause pulmonary oedema and pneumonitis.

Sign and symptoms skin
- Causes skin irritation. Symptoms may include redness, edema, drying defatting and cracking of the skin.

Sign and symptoms eyes
- Direct eye contact may cause slight redness.

Potential Chronic Health Effects
- Prolonged exposure can cause redness, swelling, itching, cracking of the skin, dermatitis and sensitization.

Mutagenicity
- Not expected to be mutagenic in humans.

Carcinogenicity
- This material is not classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Contains Cumene. Cumene is classified as possibly carcinogenic by IARC (Group 2B). Ethylbenzene is classified as possibly carcinogenic by IARC (Group 2B) and the ACGIH (Category A3).

Reproductive effects & Teratogenicity
- Not expected to have other reproductive effects.

Sensitization to material
- Not expected to be a skin or respiratory sensitizer.

Specific target organ effects
- This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification:
  - Specific target organ toxicity, single exposure Category 3 May cause drowsiness and dizziness.
  - The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Medical conditions aggravated by overexposure
- Pre-existing skin, eye and respiratory disorders.

Synergistic materials
- No information available.

Toxicological data
- See below for toxicological data on the substance.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>LC50(4hr) inh, rat</th>
<th>LD50 Oral, rat</th>
<th>LD50 Rabbit, dermal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent (mineral spirits)</td>
<td>&gt;5.5 mg/L</td>
<td>&gt;5000 mg/kg</td>
<td>&gt;3000 mg/kg</td>
</tr>
<tr>
<td>Hydrotreated light distillate</td>
<td>&gt;6.03 mg/L (aerosol)</td>
<td>&gt;5000 mg/kg</td>
<td>&gt;2000 mg/kg</td>
</tr>
<tr>
<td>Trimethylbenzenes (mixed isomers)</td>
<td>18 - 24 mg/L (vapour)</td>
<td>8970 mg/kg</td>
<td>&gt; 3160 mg/kg</td>
</tr>
<tr>
<td>Xylenes</td>
<td>6350 ppm (27.6 mg/L) (vapour)</td>
<td>3253 mg/kg</td>
<td>12 180 mg/kg</td>
</tr>
<tr>
<td>Cumene</td>
<td>8000 ppm (39 mg/L) (vapour)</td>
<td>2260 mg/kg</td>
<td>10 627 mg/kg</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>4000 ppm (17.4 mg/L) (vapour)</td>
<td>3500 mg/kg</td>
<td>15 380 mg/kg</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Toxic to aquatic life with long lasting effects. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.

Ecotoxicity data:

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No</th>
<th>Toxicity to Fish</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>LC50 / 96h</td>
</tr>
<tr>
<td>Stoddard solvent (mineral spirits)</td>
<td>8052-41-3</td>
<td>2.1-4.2 mg/L (Bluegill sunfish)</td>
</tr>
<tr>
<td>Hydrotreated light distillate</td>
<td>64742-47-8</td>
<td>45 mg/L (Fathead minnow)</td>
</tr>
<tr>
<td>Trimethylbenzenes (mixed isomers)</td>
<td>25551-13-7</td>
<td>7.72 mg/L (Fathead minnow) (Read-across)</td>
</tr>
<tr>
<td>Xylenes</td>
<td>1330-20-7</td>
<td>8.2 mg/L (Rainbow trout)</td>
</tr>
<tr>
<td>Cumene</td>
<td>98-82-8</td>
<td>4.8 mg/L (Rainbow trout)</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
<td>4.2 mg/L (Rainbow trout)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No</th>
<th>Toxicity to Daphnia</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>EC50 / 48h</td>
</tr>
<tr>
<td>Stoddard solvent (mineral spirits)</td>
<td>8052-41-3</td>
<td>0.42-2.3mg/L Water flea</td>
</tr>
<tr>
<td>Hydrotreated light distillate</td>
<td>64742-47-8</td>
<td>N/Av</td>
</tr>
<tr>
<td>Trimethylbenzenes (mixed isomers)</td>
<td>25551-13-7</td>
<td>2.7 mg/L (Daphnia magna) (Read-across)</td>
</tr>
<tr>
<td>Xylenes</td>
<td>1330-20-7</td>
<td>3.2 - 9.56 mg/L (Daphnia magna)</td>
</tr>
<tr>
<td>Cumene</td>
<td>98-82-8</td>
<td>4 mg/L/24hr (Daphnia magna)</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
<td>1.81 mg/L (Daphnia magna)</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No</th>
<th>Toxicity to Algae</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>EC50 / 96h or 72h</td>
<td>NOEC / 96h or 72h</td>
</tr>
<tr>
<td>Stoddard solvent (mineral spirits)</td>
<td>8052-41-3</td>
<td>0.58 - 1.2 mg/L/72 hours (Green algae)</td>
<td>0.16 mg/L (Green algae)</td>
</tr>
<tr>
<td>Hydrotreated light distillate</td>
<td>64742-47-8</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
<tr>
<td>Trimethylbenzenes (mixed isomers)</td>
<td>25551-13-7</td>
<td>5.7 mg/L/72hr (Green algae) (Read-across)</td>
<td>0.38 mg/L/72hr (Read-across)</td>
</tr>
<tr>
<td>Xylenes</td>
<td>1330-20-7</td>
<td>3.2 - 4.9 mg/L/72hr (Green algae)</td>
<td>N/Av</td>
</tr>
<tr>
<td>Cumene</td>
<td>98-82-8</td>
<td>2.6 mg/L/72hr (Green algae)</td>
<td>N/Av</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
<td>3.6 mg/L/96hr (Green algae)</td>
<td>3.4 mg/L/96hr</td>
</tr>
</tbody>
</table>

Persistence and degradability: Not readily biodegradable.

Bioaccumulation potential: No data is available on the product itself.

<table>
<thead>
<tr>
<th>Components</th>
<th>Partition coefficient n-octanol/water (log Kow)</th>
<th>Bioconcentration factor (BCF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent (mineral spirits) (CAS 8052-41-3)</td>
<td>3.16-7.06</td>
<td>N/Av</td>
</tr>
<tr>
<td>Hydrotreated light distillate (CAS 64742-47-8)</td>
<td>5.1-8.8</td>
<td>N/Av</td>
</tr>
<tr>
<td>Trimethylbenzenes (mixed isomers) (CAS 25551-13-7)</td>
<td>3.63</td>
<td>42 - 328 (common carp)</td>
</tr>
<tr>
<td>Xylenes (CAS 1330-20-7)</td>
<td>3.12 - 3.2</td>
<td>50 - 58</td>
</tr>
<tr>
<td>Cumene (CAS 98-82-8)</td>
<td>3.55</td>
<td>224 (calculated)</td>
</tr>
<tr>
<td>Ethylbenzene (CAS 100-41-4)</td>
<td>3.15</td>
<td>1.1 - 1.5</td>
</tr>
</tbody>
</table>

Mobility in soil: This material has low solubility and floats, and is expected to migrate from water to the land.

Other Adverse Environmental effects: No data is available on the product itself.

SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal: Handle waste according to recommendations in Section 7. Empty containers may contain hazardous residues.

Methods of Disposal: Dispose in accordance with all applicable federal, state, provincial and local regulations.

RCRA: If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method.
**SAFETY DATA SHEET**

## SECTION 14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>Regulatory Information</th>
<th>UN Number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class(es)</th>
<th>Packing Group</th>
<th>Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDG</td>
<td>UN1268</td>
<td>PETROLEUM PRODUCTS, N.O.S.</td>
<td>3</td>
<td>III</td>
<td>![Label]</td>
</tr>
<tr>
<td><strong>Additional information</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PETROLEUM PRODUCTS, N.O.S.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The environmentally hazardous substance mark must appear on packagings holding more than 5 litres of the material. May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>49CFR/DOT</th>
<th>UN1268</th>
<th>Petroleum distillates, n.o.s.; or Petroleum products, n.o.s.</th>
<th>3</th>
<th>III</th>
<th>![Label]</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Additional information</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PETROLEUM DISTILLATES, N.O.S.; or PETROLEUM PRODUCTS, N.O.S.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Limited Quantity exemption may be used if product is in containers or 5 Litres or less, per Section 173.150 of 49 CFR.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IMDG</th>
<th>UN1268</th>
<th>PETROLEUM DISTILLATES, N.O.S.; or PETROLEUM PRODUCTS, N.O.S.</th>
<th>3</th>
<th>III</th>
<th>![Label]</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Additional information</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refer to IMDG regulations for exceptions. The environmentally hazardous substance mark must appear on packagings holding more than 5 litres of the material.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ICAO/IATA</th>
<th>UN1268</th>
<th>Petroleum products, n.o.s.</th>
<th>3</th>
<th>III</th>
<th>![Label]</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Additional information</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refer to ICAO/IATA Packing Instruction. The environmentally hazardous substance mark must appear on packagings holding more than 5 litres of the material.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Special precautions for user**: Appropriate advice on safety must accompany the package. Keep away from heat, sparks and open flame. - No smoking.

**Environmental hazards**: This product meets the criteria for an environmentally hazardous material according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**: This information is not available.

## SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**

Components listed below are present on the following U.S. Federal chemical lists:
## SAFETY DATA SHEET

### Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS #</th>
<th>TSCA Reportable Quantity (RQ)</th>
<th>CERCLA Inventory</th>
<th>SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355: Toxic Chemical</th>
<th>SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical de minimus Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent (mineral spirits)</td>
<td>8052-41-3</td>
<td>Yes</td>
<td>N/Ap</td>
<td>No</td>
<td>N/Ap</td>
</tr>
<tr>
<td>Hydrotreated light distillate</td>
<td>64742-47-8</td>
<td>Yes</td>
<td>N/Ap</td>
<td>N/Av</td>
<td>N/Ap</td>
</tr>
<tr>
<td>Trimethylbenzenes (mixed isomers)</td>
<td>25551-13-7</td>
<td>Yes</td>
<td>None.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Xylenes</td>
<td>1330-20-7</td>
<td>Yes</td>
<td>100 lbs / 45.4 kg</td>
<td>None</td>
<td>Yes</td>
</tr>
<tr>
<td>Cumene</td>
<td>98-82-8</td>
<td>Yes</td>
<td>5000 lb / 2270 kg</td>
<td>None</td>
<td>Yes</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
<td>Yes</td>
<td>1000 lb / 454 kg</td>
<td>None</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**SARA TITLE III:** Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Fire Hazard, Acute Health Hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

### US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS #</th>
<th>California Proposition 65 Listed</th>
<th>Type of Toxicity</th>
<th>State “Right to Know” Lists</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent (mineral spirits)</td>
<td>8052-41-3</td>
<td>No</td>
<td>N/Ap</td>
<td>CA Yes MA Yes MN Yes NJ Yes PA Yes RI Yes</td>
</tr>
<tr>
<td>Hydrotreated light distillate</td>
<td>64742-47-8</td>
<td>No</td>
<td>N/Ap</td>
<td>CA No MA No MN No NJ No PA No RI No</td>
</tr>
<tr>
<td>Trimethylbenzenes (mixed isomers)</td>
<td>25551-13-7</td>
<td>No</td>
<td>N/Ap</td>
<td>CA Yes MA Yes MN Yes NJ Yes PA Yes RI Yes</td>
</tr>
<tr>
<td>Xylenes</td>
<td>1330-20-7</td>
<td>No</td>
<td>N/Ap</td>
<td>CA Yes MA Yes MN Yes NJ Yes PA Yes RI Yes</td>
</tr>
<tr>
<td>Cumene</td>
<td>98-82-8</td>
<td>Yes</td>
<td>Cancer</td>
<td>CA Yes MA Yes MN Yes NJ Yes PA Yes RI Yes</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
<td>Yes</td>
<td>Cancer</td>
<td>CA Yes MA Yes MN Yes NJ Yes PA Yes RI Yes</td>
</tr>
</tbody>
</table>

**Canadian Information:**

All ingredients are present on the DSL.

WHMIS Classification: See Section 2.

**International Information:**

Components listed below are present on the following International Inventory list:
Mineral Spirits  
SDS Preparation Date (mm/dd/yyyy): 07/19/2016

SAFETY DATA SHEET

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS #</th>
<th>European EINECs</th>
<th>Australia AICS</th>
<th>Philippines PICCS</th>
<th>Japan ENCS</th>
<th>Korea KECl/KECl</th>
<th>China IECSC</th>
<th>NewZealand IOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent (mineral spirits)</td>
<td>8052-41-3</td>
<td>232-489-3</td>
<td>Present</td>
<td>Present</td>
<td>(9)-1702; (9)-1702</td>
<td>KE-32199</td>
<td>Present</td>
<td>HSR001498</td>
</tr>
<tr>
<td>Hydrotreated light distillate</td>
<td>64742-47-8</td>
<td>265-149-8</td>
<td>Present</td>
<td>Present</td>
<td>(9)-1700</td>
<td>KE-12550</td>
<td>Present</td>
<td>No information available.</td>
</tr>
<tr>
<td>Trimethylbenzenes (mixed isomers)</td>
<td>25551-13-7</td>
<td>247-099-9</td>
<td>Present</td>
<td>Present</td>
<td>(3)-7; (3)-3427</td>
<td>KE-34408</td>
<td>Present</td>
<td>May be used as a component in a product covered by a group standard, but is not approved for use as a chemical in its own right.</td>
</tr>
<tr>
<td>Xylenes</td>
<td>1330-20-7</td>
<td>215-535-7</td>
<td>Present</td>
<td>Present</td>
<td>(3)-60; (3)-3</td>
<td>KE-35427</td>
<td>Present</td>
<td>HSR000983</td>
</tr>
<tr>
<td>Cumene</td>
<td>98-82-8</td>
<td>202-704-5</td>
<td>Present</td>
<td>Present</td>
<td>(3)-32; (3)-22</td>
<td>KE-23957</td>
<td>Present</td>
<td>HSR001184</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
<td>202-849-4</td>
<td>Present</td>
<td>Present</td>
<td>(3)-60; (3)-28</td>
<td>KE-13532</td>
<td>Present</td>
<td>HSR001151</td>
</tr>
</tbody>
</table>

LEGEND:
- ACGIH: American Conference of Governmental Industrial Hygienists
- CAS: Chemical Abstract Services
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- CFR: Code of Federal Regulations
- CNS: Central Nervous System
- DOT: Department of Transportation
- EPA: Environmental Protection Agency
- EINECS: European Inventory of Existing Commercial chemical Substances
- IARC: International Agency for Research on Cancer
- IBC: Intermediate Bulk Container
- IMDG: International Maritime Dangerous Goods
- Inh: Inhalation
- LC: Lethal Concentration
- LD: Lethal Dose
- N/Ap: Not Applicable
- N/Av: Not Available
- NIOSH: National Institute of Occupational Safety and Health
- NTP: National Toxicology Program
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible exposure limit
- RCRA: Resource Conservation and Recovery Act
- RTECS: Registry of Toxic Effects of Chemical Substances
- SARA: Superfund Amendments and Reauthorization Act
- STEL: Short Term Exposure Limit
- TDG: Canadian Transportation of Dangerous Goods Act & Regulations
- TLV: Threshold Limit Values
- TWA: Time Weighted Average
- WHMIS: Workplace Hazardous Materials Identification System
## SAFETY DATA SHEET

### References:

1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2016
2. International Agency for Research on Cancer Monographs, searched 2017
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2017 (Chempendium, HSDB and RTECs).
4. Material Safety Data Sheets from manufacturer.

### Preparation Date (mm/dd/yyyy):

07/19/2016

### Other special considerations for handling:

Provide adequate information, instruction and training for operators.

### Prepared for:

Comet Chemical Company Ltd.
3463 Thomas Street
Innisfill, ON L9S 3W4
Information (M-F 8:00-5:00): 705-436-5580
www.cometchemical.com

### Prepared by:

ICC The Compliance Center Inc.
Telephone: (888) 442-9628 (U.S.); (888) 977-4834 (Canada)
http://www.thecompliancecenter.com

### DISCLAIMER

This Safety Data Sheet was prepared by ICC The Compliance Center Inc. using information provided by Comet Chemical Company Ltd. and CCOHS’ Web Information Service. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc and Comet Chemical Company Ltd. expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc. and Comet Chemical Company Ltd.

END OF DOCUMENT