

SAFETY DATA SHEET

1. Identification

| | |
|---|--|
| Product identifier | Gumout All-in-One Complete Diesel |
| Other means of identification | 30008 |
| Recommended use | Not available. |
| Recommended restrictions | None known. |
| Manufacturer/Importer/Supplier/Distributor information | |
| Manufacturer | |
| Company name | ITW Global Brands Canada c/o ITW Permatex Canada |
| Address | 2360 Bristol Circle Suite 101 Oakville, ON L6H 6M5 Canada |
| Telephone | 1-905-693-8900 |
| E-mail | literature.canada@permatex.com |
| Emergency phone number | 1-877-504-9352 |
| Supplier | See above. |

2. Hazard identification

| | | |
|-----------------------|---------------------------|------------|
| Physical hazards | Flammable liquids | Category 4 |
| Health hazards | Skin corrosion/irritation | Category 2 |
| | Carcinogenicity | Category 2 |
| | Aspiration hazard | Category 1 |
| Environmental hazards | Not classified. | |

Label elements



Signal word Danger

Hazard statement Combustible liquid.
Causes skin irritation.
Suspected of causing cancer.
May be fatal if swallowed and enters airways.

Precautionary statement

Prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Response

In case of fire: Use appropriate media to extinguish.
IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse. Specific treatment (see information on this label).
IF SWALLOWED: Immediately call a POISON CENTRE/doctor. Do NOT induce vomiting.
IF exposed or concerned: Get medical advice/attention.

Storage

Store in a well-ventilated place.
Store locked up.

Disposal

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

Other hazards Combustible.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|---|--------------------------|------------|----|
| Distillates (petroleum), light hydrotreated | | 64742-47-8 | 52 |
| 2-Ethylhexyl nitrate | | 27247-96-7 | 22 |
| Solvent naphtha (petroleum), light aromatic | | 64742-95-6 | 7 |
| Benzene, 1,2,4-trimethyl- | | 95-63-6 | 4 |
| Benzene, 1,3,5-trimethyl- | | 108-67-8 | 4 |
| Solvent naphtha (petroleum), heavy aromatic | | 64742-94-5 | 4 |
| Propyl benzene | | 103-65-1 | 4 |
| Benzene, (1-methylethyl)- | | 98-82-8 | 1 |
| Benzene, ethyl- | | 100-41-4 | 1 |
| Xylene | | 1330-20-7 | 1 |

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

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| Inhalation | Call a physician if symptoms develop or persist. |
| Skin contact | IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Specific treatment (see information on this label). Take off immediately all contaminated clothing and wash it before reuse. |
| Eye contact | Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists. |
| Ingestion | IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Do NOT induce vomiting. |
| Most important symptoms/effects, acute and delayed | Aspiration may cause pulmonary oedema and pneumonitis. Headache. Nausea, vomiting. Direct contact with eyes may cause temporary irritation. Skin irritation. May cause redness and pain. |
| Indication of immediate medical attention and special treatment needed | Symptoms may be delayed. |
| General information | IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Avoid contact with eyes and skin. Keep out of reach of children. |

5. Fire-fighting measures

| | |
|--|---|
| Suitable extinguishing media | Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO ₂). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | During fire, gases hazardous to health may be formed. |
| Hazardous combustion products | May include and are not limited to: Oxides of carbon. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire fighting equipment/instructions | Move containers from fire area if you can do so without risk. |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. |
| General fire hazards | Combustible liquid. |

6. Accidental release measures

| | |
|--|--|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
|--|--|

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Following product recovery, flush area with water. Clean surface thoroughly to remove residual contamination. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS.

Environmental precautions

Do not discharge into lakes, streams, ponds or public waters.

7. Handling and storage

Precautions for safe handling

Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment. Use only in well-ventilated areas. Avoid prolonged exposure. Observe good industrial hygiene practices. Wash thoroughly after handling. When using do not eat or drink. When handling, do not eat, drink or smoke.

Conditions for safe storage, including any incompatibilities

Keep away from heat and sources of ignition. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children. Store locked up.

8. Exposure controls/Personal protection

Occupational exposure limits**US. ACGIH Threshold Limit Values**

| Components | Type | Value | Form |
|--|------|-----------|--------------|
| Benzene, (1-methylethyl)- (CAS 98-82-8) | TWA | 50 ppm | |
| Benzene, 1,2,4-trimethyl- (CAS 95-63-6) | TWA | 25 ppm | |
| Benzene, 1,3,5-trimethyl- (CAS 108-67-8) | TWA | 25 ppm | |
| Benzene, ethyl- (CAS 100-41-4) | TWA | 20 ppm | |
| Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5) | TWA | 200 mg/m3 | Non-aerosol. |
| Xylene (CAS 1330-20-7) | STEL | 150 ppm | |
| | TWA | 100 ppm | |

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

| Components | Type | Value | Form |
|--|------|------------|---------|
| Benzene, (1-methylethyl)- (CAS 98-82-8) | TWA | 246 mg/m3 | |
| | | 50 ppm | |
| Benzene, 1,2,4-trimethyl- (CAS 95-63-6) | TWA | 123 mg/m3 | |
| | | 25 ppm | |
| Benzene, 1,3,5-trimethyl- (CAS 108-67-8) | TWA | 123 mg/m3 | |
| | | 25 ppm | |
| Benzene, ethyl- (CAS 100-41-4) | STEL | 543 mg/m3 | |
| | | 125 ppm | |
| | | 434 mg/m3 | |
| Distillates (petroleum), light hydrotreated (CAS 64742-47-8) | TWA | 100 ppm | |
| | | 200 mg/m3 | Vapour. |
| Solvent naphtha (petroleum), light aromatic (CAS 64742-95-6) | TWA | 1590 mg/m3 | |
| | | 400 ppm | |
| Xylene (CAS 1330-20-7) | STEL | 651 mg/m3 | |
| | | 150 ppm | |
| | | 434 mg/m3 | |
| | TWA | 100 ppm | |

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

| Components | Type | Value | Form |
|--|------|-----------|--------------|
| Benzene, (1-methylethyl)- (CAS 98-82-8) | STEL | 75 ppm | |
| | TWA | 25 ppm | |
| Benzene, 1,2,4-trimethyl- (CAS 95-63-6) | TWA | 25 ppm | |
| Benzene, 1,3,5-trimethyl- (CAS 108-67-8) | TWA | 25 ppm | |
| Benzene, ethyl- (CAS 100-41-4) | TWA | 20 ppm | |
| Distillates (petroleum), light hydrotreated (CAS 64742-47-8) | TWA | 200 mg/m3 | Non-aerosol. |
| Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5) | TWA | 200 mg/m3 | Non-aerosol. |
| Xylene (CAS 1330-20-7) | STEL | 150 ppm | |
| | TWA | 100 ppm | |

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

| Components | Type | Value | Form |
|--|------|-----------|--------------|
| Benzene, (1-methylethyl)- (CAS 98-82-8) | TWA | 50 ppm | |
| Benzene, 1,2,4-trimethyl- (CAS 95-63-6) | TWA | 25 ppm | |
| Benzene, 1,3,5-trimethyl- (CAS 108-67-8) | TWA | 25 ppm | |
| Benzene, ethyl- (CAS 100-41-4) | TWA | 20 ppm | |
| Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5) | TWA | 200 mg/m3 | Non-aerosol. |
| Xylene (CAS 1330-20-7) | STEL | 150 ppm | |
| | TWA | 100 ppm | |

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

| Components | Type | Value |
|---|------|---------|
| Benzene, (1-methylethyl)- (CAS 98-82-8) | TWA | 50 ppm |
| Benzene, 1,2,4-trimethyl- (CAS 95-63-6) | TWA | 25 ppm |
| Benzene, 1,3,5-trimethyl- (CAS 108-67-8) | TWA | 25 ppm |
| Benzene, ethyl- (CAS 100-41-4) | TWA | 20 ppm |
| Xylene (CAS 1330-20-7) | STEL | 150 ppm |
| | TWA | 100 ppm |

Canada. Quebec OELs. (Ministry of Labour - Regulation Respecting the Quality of the Work Environment)

| Components | Type | Value |
|---|------|-----------|
| Benzene, (1-methylethyl)- (CAS 98-82-8) | TWA | 246 mg/m3 |
| | | 50 ppm |
| Benzene, 1,2,4-trimethyl- (CAS 95-63-6) | TWA | 123 mg/m3 |
| | | 25 ppm |
| Benzene, 1,3,5-trimethyl- (CAS 108-67-8) | TWA | 123 mg/m3 |
| | | 25 ppm |
| Benzene, ethyl- (CAS 100-41-4) | STEL | 543 mg/m3 |

Canada. Quebec OELs. (Ministry of Labour - Regulation Respecting the Quality of the Work Environment)

| Components | Type | Value |
|--|------|------------|
| | | 125 ppm |
| | TWA | 434 mg/m3 |
| | | 100 ppm |
| Distillates (petroleum), light hydrotreated (CAS 64742-47-8) | TWA | 1590 mg/m3 |
| | | 400 ppm |
| Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5) | TWA | 1590 mg/m3 |
| | | 400 ppm |
| Solvent naphtha (petroleum), light aromatic (CAS 64742-95-6) | TWA | 1590 mg/m3 |
| | | 400 ppm |
| Xylene (CAS 1330-20-7) | STEL | 651 mg/m3 |
| | | 150 ppm |
| | TWA | 434 mg/m3 |
| | | 100 ppm |

Biological limit values
ACGIH Biological Exposure Indices

| Components | Value | Determinant | Specimen | Sampling time |
|--------------------------------|----------|---|---------------------|---------------|
| Benzene, ethyl- (CAS 100-41-4) | 0.15 g/g | Sum of mandelic acid and phenylglyoxylic acid | Creatinine in urine | * |
| Xylene (CAS 1330-20-7) | 1.5 g/g | Methylhippuric acids | Creatinine in urine | * |

* - For sampling details, please see the source document.

Exposure guidelines
Canada - Alberta OELs: Skin designation

| | |
|--|-----------------------------------|
| Distillates (petroleum), light hydrotreated (CAS 64742-47-8) | Can be absorbed through the skin. |
| Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5) | Can be absorbed through the skin. |

Canada - British Columbia OELs: Skin designation

| | |
|--|-----------------------------------|
| Distillates (petroleum), light hydrotreated (CAS 64742-47-8) | Can be absorbed through the skin. |
| Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5) | Can be absorbed through the skin. |

Canada - Manitoba OELs: Skin designation

| | |
|--|-----------------------------------|
| Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5) | Can be absorbed through the skin. |
|--|-----------------------------------|

Canada - Ontario OELs: Skin designation

| | |
|--|-----------------------------------|
| Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5) | Can be absorbed through the skin. |
|--|-----------------------------------|

Canada - Saskatchewan OELs: Skin designation

| | |
|--|-----------------------------------|
| Distillates (petroleum), light hydrotreated (CAS 64742-47-8) | Can be absorbed through the skin. |
| Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5) | Can be absorbed through the skin. |

US ACGIH Threshold Limit Values: Skin designation

| | |
|--|-----------------------------------|
| Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5) | Can be absorbed through the skin. |
|--|-----------------------------------|

Appropriate engineering controls

Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment
Eye/face protection

Wear safety glasses with side shields (or goggles).

| | |
|---------------------------------------|--|
| Skin protection | |
| Hand protection | Nitrile, butyl rubber or neoprene gloves are recommended. Confirm with a reputable supplier first. |
| Other | As required by employer code. |
| Respiratory protection | Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2). |
| Thermal hazards | Not applicable. |
| General hygiene considerations | Handle in accordance with good industrial hygiene and safety practices. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke. |

9. Physical and chemical properties

| | |
|---|------------------------|
| Appearance | Liquid |
| Physical state | Liquid. |
| Form | Liquid. |
| Colour | Brown |
| Odour | Petroleum |
| Odour threshold | Not available. |
| pH | Not available. |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | Not available. |
| Flash point | > 75.0 °C (> 167.0 °F) |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or explosive limits | |
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Explosive limit - lower (%) | Not available. |
| Explosive limit – upper (%) | Not available. |
| Vapour pressure | Not available. |
| Vapour density | Not available. |
| Relative density | 0.87 @ 60°F |
| Solubility(ies) | |
| Solubility (Water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Explosive properties | Not explosive. |
| Oxidising properties | Not oxidising. |

10. Stability and reactivity

| | |
|---|--|
| Reactivity | May react with incompatible materials. |
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | Hazardous polymerisation does not occur. |
| Conditions to avoid | Avoid heat, sparks, open flames and other ignition sources. Do not mix with other chemicals. |
| Incompatible materials | Strong oxidising agents. |
| Hazardous decomposition products | May include and are not limited to: Oxides of carbon. |

11. Toxicological information

Information on likely routes of exposure

| | |
|---------------------|--|
| Inhalation | Prolonged inhalation may be harmful. |
| Skin contact | Causes skin irritation. |
| Eye contact | Direct contact with eyes may cause temporary irritation. |
| Ingestion | Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. May cause stomach distress, nausea or vomiting. |

Symptoms related to the physical, chemical and toxicological characteristics

Aspiration may cause pulmonary oedema and pneumonitis. Headache. Nausea, vomiting.
Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways.

| Components | Species | Test results |
|--|------------|--|
| 2-Ethylhexyl nitrate (CAS 27247-96-7) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rabbit | > 4820 mg/kg, SCBT |
| <i>Inhalation</i> | | |
| LC50 | Rat | > 14 mg/L, SCBT |
| <i>Oral</i> | | |
| LD50 | Rat | > 10 ml/kg, ECHA 960 mg/kg, Sigma Aldrich |
| Benzene, (1-methylethyl)- (CAS 98-82-8) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rabbit | > 3160 mg/kg, 24 Hours, ECHA |
| <i>Inhalation</i> | | |
| LC50 | Mouse | 2000 ppm, 7 Hours, HSDB 24.7 mg/L, 2 Hours, HSDB 10 mg/L, 7 Hours, ECHA |
| | Rat | 8000 ppm, 4 Hours, HSDB |
| <i>Oral</i> | | |
| LD50 | Rat | 2700 mg/kg, ECHA 2260 mg/kg, ECHA 2.9 g/kg, HSDB |
| Benzene, 1,2,4-trimethyl- (CAS 95-63-6) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rabbit | > 3160 mg/kg |
| | Rat | 3440 mg/kg, 24 Hours |
| <i>Inhalation</i> | | |
| LC50 | Mouse, Rat | 2000 - 9833 mg/m3, 12 Hours 10200 mg/m3, 4 Hours 3670 ppm, 4 hours 3661 ppm 18 mg/l/4h |
| <i>Oral</i> | | |
| LD50 | Rat | 6000 mg/kg 3280 mg/kg |
| Benzene, 1,3,5-trimethyl- (CAS 108-67-8) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rat | > 4 ml/kg, 24 Hours, ECHA |

| Components | Species | Test results |
|--|---------------|---|
| <i>Inhalation</i> | | |
| LC50 | Rat | 10200 mg/m3, 4 Hours, ECHA |
| <i>Oral</i> | | |
| LD50 | Rat | 6880 mg/kg, ECHA 6000 mg/kg, ECHA 3550 mg/kg, ECHA 3440 mg/kg, ECHA 3280 mg/kg, ECHA |
| Benzene, ethyl- (CAS 100-41-4) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rabbit | 17800 mg/kg, HSDB 15380 mg/kg, CCOHS: Cheminfo 17.8 ml/kg, 24 Hours, ECHA |
| <i>Inhalation</i> | | |
| LC50 | Mouse | > 8000 ppm, 20 Minutes, ECHA |
| | Rat | 4000 ppm, 4 Hours, CCOHS: Cheminfo |
| <i>Oral</i> | | |
| LD50 | Rat | 5460 mg/kg, HSDB 3500 mg/kg, Sigma Aldrich 5.5 g/kg, ECHA/HSDB |
| Distillates (petroleum), light hydrotreated (CAS 64742-47-8) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rabbit | > 4000 mg/kg, 24 Hours, ECHA > 2000 mg/kg > 2000 mg/kg, 24 Hours, ECHA |
| <i>Inhalation</i> | | |
| LC50 | Cat | > 6.4 mg/L, 6 Hours, ECHA |
| | Rat | > 7.5 mg/L, 6 Hours, ECHA > 6 mg/L, 4 Hours, ECHA > 5.7 mg/L, 4 Hours, ECHA > 5.3 mg/L, 4 Hours, ECHA > 5.3 mg/L, 4 Hours, ECHA > 5.2 mg/L, 4 Hours, ECHA > 4.6 mg/L, 4 Hours, ECHA > 4.5 mg/L, 4 Hours, ECHA > 4.3 mg/L, 4 Hours, ECHA > 0.1 mg/L, 8 Hours, ECHA 5.2 mg/l/4h, LOLI |
| <i>Oral</i> | | |
| LD50 | Rat | > 20000 mg/kg, ECHA > 5000 mg/kg, LOLI > 25 ml/kg |
| Propyl benzene (CAS 103-65-1) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Not available | |
| <i>Inhalation</i> | | |
| LC50 | Rat | 65000 ppm, 2 h, Sigma Aldrich |

| Components | Species | Test results |
|--|---------|------------------------------------|
| <i>Oral</i> LD50 | Rat | 6040 mg/kg, HSDB |
| Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5) | | |
| Acute | | |
| <i>Dermal</i> LD50 | - | > 2000 mg/kg |
| | | > 2000 mg/kg, 24 Hours |
| | Rabbit | > 2000 mg/kg |
| | | > 2000 mg/kg, 24 Hours |
| | | 3000 ml/kg |
| | Rat | > 2000 mg/kg, 24 Hours |
| | | 3000 mg/kg |
| <i>Inhalation</i> LC50 | - | > 5.3 mg/L |
| | Rat | > 7.5 g/m ³ |
| | | > 7.5 mg/L, 6 Hours |
| | | > 6 mg/l/4h |
| | | > 4.3 mg/L, 4 Hours |
| | | > 2.7 mg/m ³ |
| | | > 0.1 mg/L, 8 Hours |
| | | 590 mg/l/4h |
| <i>Oral</i> LD100 | Rat | 5000 mg/kg |
| LD50 | Rat | > 5000 mg/kg |
| | | > 2000 mg/kg |
| | | > 25 ml/kg |
| | | 7050 mg/kg |
| Solvent naphtha (petroleum), light aromatic (CAS 64742-95-6) | | |
| Acute | | |
| <i>Dermal</i> LD50 | Rabbit | > 1900 mg/kg, 24 Hours |
| | | 3000 mg/kg |
| <i>Inhalation</i> LC50 | Rat | > 4980 mg/m ³ , 4 Hours |
| | | > 5 mg/L, 4 Hours |
| | | 5.2 mg/l/4h |
| <i>Oral</i> LD50 | Rat | > 25 ml/kg |
| | | 4820 mg/kg |
| | | 4700 mg/kg |
| Xylene (CAS 1330-20-7) | | |
| Acute | | |
| <i>Dermal</i> LD50 | Rabbit | > 5000 ml/kg, 4 Hours, ECHA |
| | | > 43 g/kg, HSDB |
| | | 12126 mg/kg, 24 Hours, ECHA |
| <i>Inhalation</i> LC50 | Mouse | 3907 mg/L, 6 Hours, HSDB |
| | | 3907 ppm, 6 Hours, HSDB |
| | Rat | 6700 ppm, 4 Hours, ECHA |
| | | 6580 ppm, 4 Hours, ECHA |

| Components | Species | Test results |
|---|--|------------------------------|
| Oral LD50 | | 6350 ppm, 4 Hours, ECHA/HSDB |
| | | 6247 ppm, 4 Hours, ECHA |
| | | 5922 ppm, 4 Hours, ECHA |
| | Mouse | 5627 mg/kg, ECHA/HSDB |
| | | 5251 mg/kg, ECHA |
| | Rat | > 4000 mg/kg, ECHA |
| | | 6670 mg/kg, HSDB |
| | | 4300 mg/kg, ECHA/HSDB |
| | | 3523 mg/kg |
| | | 10 ml/kg, ECHA |
| Skin corrosion/irritation | Causes skin irritation. | |
| Exposure minutes | Not available. | |
| Erythema value | Not available. | |
| Oedema value | Not available. | |
| Serious eye damage/eye irritation | Direct contact with eyes may cause temporary irritation. | |
| Corneal opacity value | Not available. | |
| Iris lesion value | Not available. | |
| Conjunctival reddening value | Not available. | |
| Conjunctival oedema value | Not available. | |
| Recover days | Not available. | |
| Respiratory or skin sensitisation | | |
| Respiratory sensitisation | Not a respiratory sensitizer. | |
| Skin sensitisation | This product is not expected to cause skin sensitisation. | |
| Germ cell mutagenicity | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. | |
| Carcinogenicity | See below. | |
| ACGIH Carcinogens | | |
| Benzene, ethyl- (CAS 100-41-4) | A3 Confirmed animal carcinogen with unknown relevance to humans. | |
| Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5) | A3 Confirmed animal carcinogen with unknown relevance to humans. | |
| Xylene (CAS 1330-20-7) | A4 Not classifiable as a human carcinogen. | |
| Canada - Manitoba OELs: carcinogenicity | | |
| ETHYL BENZENE (CAS 100-41-4) | Confirmed animal carcinogen with unknown relevance to humans. | |
| KEROSENE (NON-AEROSOL), AS TOTAL HYDROCARBON VAPOR (CAS 64742-94-5) | Confirmed animal carcinogen with unknown relevance to humans. | |
| XYLENE (O, M AND P ISOMERS) (CAS 1330-20-7) | Not classifiable as a human carcinogen. | |
| IARC Monographs. Overall Evaluation of Carcinogenicity | | |
| Benzene, (1-methylethyl)- (CAS 98-82-8) | Volume 101 - 2B Possibly carcinogenic to humans. | |
| Benzene, ethyl- (CAS 100-41-4) | Volume 77 - 2B Possibly carcinogenic to humans. | |
| Xylene (CAS 1330-20-7) | Volume 47, Volume 71 - 3 Not classifiable as to carcinogenicity to humans. | |
| Reproductive toxicity | This product is not expected to cause reproductive or developmental effects. | |
| Specific target organ toxicity - single exposure | Not classified. | |
| Specific target organ toxicity - repeated exposure | Not classified. | |
| Aspiration hazard | May be fatal if swallowed and enters airways. | |
| Chronic effects | Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. | |
| Further information | Not available. | |

12. Ecological information

| | |
|-------------|-----------|
| Ecotoxicity | See below |
|-------------|-----------|

| Ecotoxicological data | | Species | | Test results |
|--|---|---|--|------------------------------|
| Components | | | | |
| Benzene, (1-methylethyl)- (CAS 98-82-8) | | | | |
| Algae | IC50 | Algae | | 2.6 mg/L, 72 Hours |
| Crustacea | EC50 | Daphnia | | 0.6 mg/L, 48 Hours |
| Aquatic | | | | |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | | 2.7 mg/L, 96 hours |
| Benzene, 1,2,4-trimethyl- (CAS 95-63-6) | | | | |
| Crustacea | EC50 | Daphnia | | 6.14 mg/L, 48 Hours |
| Aquatic | | | | |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | | 7.19 - 8.28 mg/L, 96 hours |
| Benzene, 1,3,5-trimethyl- (CAS 108-67-8) | | | | |
| Aquatic | | | | |
| Fish | LC50 | Goldfish (Carassius auratus) | | 9.89 - 15.05 mg/L, 96 hours |
| Benzene, ethyl- (CAS 100-41-4) | | | | |
| Algae | IC50 | Algae | | 4.6 mg/L, 72 Hours |
| Crustacea | EC50 | Daphnia | | 2.1 mg/L, 48 Hours |
| Aquatic | | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | | 1.37 - 4.4 mg/L, 48 hours |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | | 7.5 - 11 mg/L, 96 hours |
| Distillates (petroleum), light hydrotreated (CAS 64742-47-8) | | | | |
| Aquatic | | | | |
| Crustacea | EC50 | Water flea (Daphnia pulex) | | 2.7 - 5.1 mg/L, 48 hours |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | | 2.9 mg/L, 96 hours |
| Propyl benzene (CAS 103-65-1) | | | | |
| Aquatic | | | | |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | | 1.55 mg/L, 96 hours |
| Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5) | | | | |
| Algae | IC50 | Algae | | 2.5 mg/L, 72 Hours |
| Crustacea | EC50 | Daphnia | | 0.95 mg/L, 48 Hours |
| Aquatic | | | | |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | | 8.8 mg/L, 96 hours |
| | | | | 8.8 mg/L, 96 hours |
| Solvent naphtha (petroleum), light aromatic (CAS 64742-95-6) | | | | |
| Crustacea | EC50 | Daphnia | | 6.14 mg/L, 48 Hours |
| Aquatic | | | | |
| Crustacea | EC50 | Water flea (Daphnia pulex) | | 2.7 - 5.1 mg/L, 48 hours |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | | 8.8 mg/L, 96 hours |
| | | | | 8.8 mg/L, 96 hours |
| Xylene (CAS 1330-20-7) | | | | |
| Aquatic | | | | |
| Fish | LC50 | Bluegill (Lepomis macrochirus) | | 7.711 - 9.591 mg/L, 96 hours |
| Persistence and degradability | No data is available on the degradability of this product. | | | |
| Bioaccumulative potential | | | | |
| Mobility in soil | No data available. | | | |
| Mobility in general | Not available. | | | |
| Other adverse effects | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. | | | |

13. Disposal considerations

| | |
|--|--|
| Disposal instructions | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Local disposal regulations | Dispose in accordance with all applicable regulations. |
| Hazardous waste code | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| Waste from residues / unused products | Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| Contaminated packaging | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. |

14. Transport information

| | |
|----------------|---|
| General | Canada: TDG Proof of Classification: In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods Regulations, we certify that the classification of this product is correct as of the SDS date of issue. If applicable, the technical name and the classification of the product will appear below. |
|----------------|---|

Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:

| | |
|-----------------------------|--------------------------------|
| UN number | UN1268 |
| Proper shipping name | PETROLEUM DISTILLATES, N.O.S.; |
| Hazard class | 3 |
| Packing group | III |
| Marine pollutant | Yes |
| Special provisions | 91, 92, 150 |

TDG



15. Regulatory information

| | |
|-------------------------------------|--|
| Canadian federal regulations | This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR. |
|-------------------------------------|--|

Canada NPRI VOCs with Additional Reporting Requirements: Mass reporting threshold/Identification Number

| | |
|--|----------|
| Benzene, 1,2,4-trimethyl- (CAS 95-63-6) | 1 TONNES |
| Benzene, 1,3,5-trimethyl- (CAS 108-67-8) | 1 TONNES |
| Distillates (petroleum), light hydrotreated (CAS 64742-47-8) | 1 TONNES |
| Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5) | 1 TONNES |
| Solvent naphtha (petroleum), light aromatic (CAS 64742-95-6) | 1 TONNES |
| Xylene (CAS 1330-20-7) | 1 TONNES |

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

| | |
|---------------------|------------|
| WHMIS status | Controlled |
|---------------------|------------|

International regulations

Inventory status

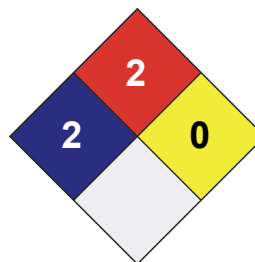
| Country(s) or region | Inventory Name | On Inventory (Yes/No)* |
|----------------------|-------------------------------------|------------------------|
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other information

| LEGEND | |
|----------|---|
| Severe | 4 |
| Serious | 3 |
| Moderate | 2 |
| Slight | 1 |
| Minimal | 0 |

| | | |
|---------------------|---|---|
| HEALTH | * | 2 |
| FLAMMABILITY | | 2 |
| PHYSICAL HAZARD | | 0 |
| PERSONAL PROTECTION | | X |

**Issue date**

16-February-2018

Revision date

16-February-2018

Version No.

01

Other information

For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Prepared by

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