# SAFETY DATA SHEET

110-302

## 1. Identification

| | |
|---|---|
| **Product identifier** | **Gumout® Super Penetrating Oil** |
| **Other means of identification** | |
| **Synonyms** | 29219 |
| **Recommended use** | Not available. |
| **Recommended restrictions** | None known. |
| **Manufacturer/Importer/Supplier/Distributor information** | |
| **Manufacturer** | |
| **Company name** | ITW Permatex Canada |
| **Address** | 35 Brownridge Road, Unit 1<br>Halton Hills, ON L7G 0C6<br>Canada |
| **Telephone** | 1-905-693-8900 |
| **e-mail** | Not available. |
| **Emergency phone number** | 1-877-504-9352 |
| **Supplier** | See above. |

## 2. Hazard identification

| | | |
|---|---|---|
| **Physical hazards** | Flammable aerosols | Category 1 |
| | Gases under pressure | Liquefied gas |
| **Health hazards** | Skin corrosion/irritation | Category 2 |
| | Specific target organ toxicity following single exposure | Category 3 narcotic effects |
| | Aspiration hazard | Category 1 |
| **Environmental hazards** | Not classified. | |

**Label elements**

| | |
|---|---|
| **Signal word** | Danger |
| **Hazard statement** | Extremely flammable aerosol.<br>Contains gas under pressure; may explode if heated.<br>Causes skin irritation.<br>May cause drowsiness or dizziness.<br>May be fatal if swallowed and enters airways. |
| **Precautionary statement** | |
| **Prevention** | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.<br>Avoid breathing mist or vapour.<br>Use only outdoors or in a well-ventilated area.<br>Wash thoroughly after handling.<br>Wear protective gloves. |
| **Response** | 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).<br>IF SWALLOWED: Immediately call a POISON CENTRE/doctor. Do NOT induce vomiting.<br>IF INHALED: remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell. |
| **Storage** | Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.<br>Store in a well-ventilated place. Keep container tightly closed.<br>Store locked up. |
| **Disposal** | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| **Other hazards** | None known. |
| **Supplemental information** | None. |

## 3. Composition/information on ingredients

**Mixtures**

| Chemical name | Common name and synonyms | CAS number | % |
|---|---|---|---|
| Solvent naphtha (petroleum), heavy aliphatic | | 64742-96-7 | 56.07 |
| Solvent naptha (petroleum), light aliphatic | | 64742-89-8 | 28.04 |
| Propane | | 74-98-6 | 9.35 |
| Butane | | 106-97-8 | 6.54 |

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

## 4. First-aid measures

**Inhalation**
IF INHALED: remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell.

**Skin contact**
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).

**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. May cause drowsiness and dizziness. 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 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. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

## 5. Fire-fighting measures

**Suitable extinguishing media**
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

**Unsuitable extinguishing media**
Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**
Contents under pressure. Pressurised container may explode when exposed to heat or flame. 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**
In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapour pressure build up.

**Specific methods**
Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards**
Extremely flammable aerosol. Contents under pressure. Pressurised container may explode when exposed to heat or flame.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid breathing mist or vapour. Ventilate closed spaces before entering them. 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**
Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. 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 heat/sparks/open flames/hot surfaces. - No smoking.
Pressurised container: Do not pierce or burn, even after use.
Avoid contact with eyes, skin, and clothing.
Wear appropriate personal protective equipment.
Avoid breathing mist or vapour.
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.

**Conditions for safe storage, including any incompatibilities**

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C.
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 |
|---|---|---|---|
| Butane (CAS 106-97-8) | STEL | 1000 ppm | |
| Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) | TWA | 200 mg/m3 | Non-aerosol. |

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

| Components | Type | Value | Form |
|---|---|---|---|
| Butane (CAS 106-97-8) | TWA | 1000 ppm | |
| Propane (CAS 74-98-6) | TWA | 1000 ppm | |
| Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) | TWA | 200 mg/m3 | Vapour. |

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

| Components | Type | Value | Form |
|---|---|---|---|
| Butane (CAS 106-97-8) | STEL | 750 ppm | |
| | TWA | 600 ppm | |
| Propane (CAS 74-98-6) | TWA | 1000 ppm | |
| Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) | TWA | 200 mg/m3 | Non-aerosol. |

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

| Components | Type | Value | Form |
|---|---|---|---|
| Butane (CAS 106-97-8) | STEL | 1000 ppm | |
| Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) | TWA | 200 mg/m3 | Non-aerosol. |

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

| Components | Type | Value |
|---|---|---|
| Butane (CAS 106-97-8) | TWA | 800 ppm |
| Propane (CAS 74-98-6) | TWA | 1000 ppm |

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

| Components | Type | Value |
|---|---|---|
| Butane (CAS 106-97-8) | TWA | 1900 mg/m3<br>800 ppm |
| Propane (CAS 74-98-6) | TWA | 1800 mg/m3<br>1000 ppm |

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Exposure guidelines**

**Canada - Alberta OELs: Skin designation**

| | |
|---|---|
| Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) | Can be absorbed through the skin. |

**Canada - British Columbia OELs: Skin designation**

| | |
|---|---|
| Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) | Can be absorbed through the skin. |

**Canada - Manitoba OELs: Skin designation**

| | |
|---|---|
| Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) | Can be absorbed through the skin. |

**Canada - Ontario OELs: Skin designation**

| | |
|---|---|
| Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) | Can be absorbed through the skin. |

**Canada - Saskatchewan OELs: Skin designation**

| | |
|---|---|
| Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) | Can be absorbed through the skin. |

**US ACGIH Threshold Limit Values: Skin designation**

| | |
|---|---|
| Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) | 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** Natural or butyl rubber, nitrile or neoprene gloves. 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** | Aerosol |
| **Physical state** | Liquid. |
| **Form** | Liquefied gas. |
| **Colour** | Black |
| **Odour** | Solvent. |
| **Odour threshold** | Not available. |
| **pH** | Not available. |
| **Melting point/freezing point** | Not available. |
| **Initial boiling point and boiling range** | > 38 °C (> 100.4 °F) |
| **Flash point** | Not available. |
| **Evaporation rate** | > 1 |
| **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** | > 1 |
| **Relative density** | 0.835 - 0.845 |

| | |
|---|---|
| **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. |
| **VOC (Weight %)** | 24.89 % |

## 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** | Heat. 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** | May cause drowsiness and dizziness. Headache. Nausea, vomiting. 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. May cause drowsiness and dizziness. Headache. Nausea, vomiting.<br>Skin irritation. May cause redness and pain. |

**Information on toxicological effects**

**Acute toxicity** May be fatal if swallowed and enters airways. Narcotic effects.

| Components | Species | Test results |
|---|---|---|
| Butane (CAS 106-97-8) | | |
| **Acute** | | |
| *Dermal* | | |
| LD50 | Not available | |
| *Inhalation* | | |
| LC50 | Mouse | 539600 ppm, 120 Minutes, ECHA |
| | | 520400 ppm, 120 Minutes, ECHA |
| | | 1237 mg/L, 120 Minutes |
| | | 680 mg/L, 2 Hours, HSDB |
| | | 57 %, 120 Minutes, ECHA |
| | | 52 %, 120 Minutes |
| | Rat | > 800000 ppm, 10 Minutes, ECHA |
| | | 1442738 mg/m3, 10 Minutes, ECHA |
| | | 1354944 mg/m3, 10 Minutes, ECHA |
| | | 570000 ppm, 10 Minutes, ECHA |
| | | 276000 ppm, 4 Hours, CCOHS |
| | | 1443 mg/L, 10 Minutes, ECHA |
| | | 1355 mg/L, 10 Minutes |

| Components | Species | Test results |
|---|---|---|
| *Oral* | | |
| LD50 | Not available | |
| Propane (CAS 74-98-6) | | |
| **Acute** | | |
| *Dermal* | | |
| LD50 | Not available | |
| *Inhalation* | | |
| LC50 | Mouse | 539600 ppm, 120 Minutes, ECHA |
| | | 520400 ppm, 120 Minutes, ECHA |
| | | 1237 mg/L, 120 Minutes |
| | | 57 %, 120 Minutes, ECHA |
| | | 52 %, 120 Minutes |
| | Rat | > 12000000 ppm, 4 hours |
| | | > 800000 ppm, 10 Minutes, ECHA |
| | | > 1464 mg/L, 15 Minutes, HSDB |
| | | 1442738 mg/m3, 10 Minutes, ECHA |
| | | 1354944 mg/m3, 10 Minutes, ECHA |
| | | 570000 ppm, 10 Minutes, ECHA |
| | | 1355 mg/L, 10 Minutes |
| *Oral* | | |
| LD50 | Not available | |
| Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) | | |
| **Acute** | | |
| *Dermal* | | |
| LD50 | Rabbit | > 3000 mg/kg |
| *Inhalation* | | |
| LC50 | Rat | > 6 mg/l/4h |
| *Oral* | | |
| LD50 | Rat | 2500 mg/kg |
| Solvent naptha (petroleum), light aliphatic (CAS 64742-89-8) | | |
| **Acute** | | |
| *Dermal* | | |
| LD50 | Rabbit | 3000 mg/kg |
| *Inhalation* | | |
| LC50 | Rat | 1400 mg/l/4h |
| *Oral* | | |
| LD50 | Rat | 5000 mg/kg |

| | |
|---|---|
| **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** Contains < 3% (w/w) DMSO-extract

**ACGIH Carcinogens**

| | |
|---|---|
| Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) | A3 Confirmed animal carcinogen with unknown relevance to humans. |

**Canada - Manitoba OELs: carcinogenicity**

| | |
|---|---|
| KEROSENE (NON-AEROSOL), AS TOTAL HYDROCARBON VAPOR (CAS 64742-96-7) | Confirmed animal carcinogen with unknown relevance to humans. |

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** May cause drowsiness and dizziness.

**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.

**Further information** Not available.

## 12. Ecological information

**Ecotoxicity** See below

**Ecotoxicological data**

| Components | | Species | Test results |
|---|---|---|---|
| Solvent naptha (petroleum), light aliphatic (CAS 64742-89-8) | | | |
| Algae | IC50 | Algae | 4700 mg/L, 72 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** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. 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. Do not re-use empty containers.

## 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** | UN1950 |
| **Proper shipping name** | AEROSOLS, flammable |
| **Hazard class** | 2.1 |
| **Special provisions** | 80, 107 |

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 DSL Challenge Substances: Listed substance**

| | |
|---|---|
| Butane (CAS 106-97-8) | Listed |

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

| | |
|---|---|
| Butane (CAS 106-97-8) | 1 TONNES |
| Propane (CAS 74-98-6) | 1 TONNES |
| Solvent naptha (petroleum), light aliphatic (CAS 64742-89-8) | 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**

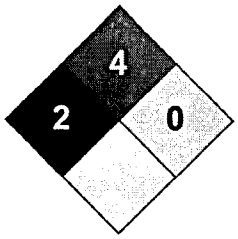
| Country(s) or region | Inventory Name | On Inventory (Yes/No)* |
|---|---|---|
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |

*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 | 4 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | X |

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**Version No.** 01

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

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