

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product name** Gumout 2X Regane Complete Fuel System Cleaner  
**Synonym(s)** 800001743  
**CAS #** Mixture  
**Product Use** Fuel System Cleaner  
**Manufacturer** ITW Permatex Canada  
35 Brownridge Road, Unit 1  
Halton Hills, ON L7G 0C6 CA  
Phone: 1-905-693-8900  
Emergency Telephone: 1-877-504-9352

## 2. Hazards Identification

**Emergency overview** WARNING  
COMBUSTIBLE LIQUID AND VAPOUR.  
CONTAINS MATERIAL WHICH MAY CAUSE CANCER.  
CAUSES SKIN IRRITATION.  
CAUSES EYE IRRITATION.  
MAY BE HARMFUL IF SWALLOWED.  
MAY CAUSE RESPIRATORY TRACT IRRITATION.

### Potential short term health effects

**Routes of exposure** Eye, Skin contact, Skin absorption, Inhalation, Ingestion.  
**Eyes** May cause irritation.  
**Skin** Causes irritation. May be absorbed through the skin.

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

Naphthalene (CAS 91-20-3) Can be absorbed through the skin.

**Inhalation** Aspiration of material into lungs can cause chemical pneumonitis. May cause respiratory irritation.

**Ingestion** May cause stomach distress, nausea or vomiting.

**Target organs** Eyes. Skin. Respiratory system.

**Chronic effects** Prolonged or repeated exposure can cause drying, defatting and dermatitis.  
May cause chronic toxic effects.

**Signs and symptoms** Symptoms may include redness, oedema, drying, defatting and cracking of the skin. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

**Potential environmental effects** See section 12.

## 3. Composition/Information on Ingredients

Components	CAS #	Percent
Distillates (petroleum), light hydrotreated	64742-47-8	15 - 40
Poly[oxy(1,2-propanediyl)], .alpha.-(3-aminopropyl)-.omega.-hydroxy-, C12-15 alkyl ethers	Proprietary	15 - 40
Solvent naphtha (petroleum), heavy aliphatic	64742-96-7	15 - 40
Distillates (petroleum), hydrotreated middle	64742-46-7	10 - 30
Poly[oxy(1,2-propanediyl)].alpha.-propyl-.omega.-hydroxy-C12-15 alkyl ethers	Proprietary	1 - 5
1,2,4-Trimethyl benzene	95-63-6	0.1 - 1
1,3,5-Trimethylbenzene	108-67-8	0.1 - 1
Naphthalene	91-20-3	0.1 - 1

**Composition comments** Not applicable to consumer products. Refer to product label for ingredient content. One or more of the components are being withheld as proprietary. HMIRA Registry Number: 8488

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#### 4. First Aid Measures

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**First aid procedures**

**Eye contact** Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately.

**Skin contact** Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Discard or wash well before reuse. Obtain medical attention if irritation develops or persists.

**Inhalation** If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

**Ingestion** Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

**Notes to physician**

Contains petroleum distillates.  
This product contains confidential components. Refer to HMIRA # for more information.  
Symptoms may be delayed.

**General advice**

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Keep away from sources of ignition. No smoking. Avoid contact with eyes and skin. Keep out of reach of children.

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#### 5. Fire Fighting Measures

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**Flammable properties** Combustible by WHMIS criteria.

**Extinguishing media**

**Suitable extinguishing media** Foam. Dry chemical. Carbon dioxide.

**Unsuitable extinguishing media** Not available

**Protection of firefighters**

**Specific hazards arising from the chemical** Not available

**Protective equipment for firefighters** Firefighters should wear full protective clothing including self contained breathing apparatus.

**Hazardous combustion products** May include and are not limited to: Oxides of carbon. Oxides of nitrogen.

**Explosion data**

**Sensitivity to mechanical impact** Not available.

**Sensitivity to static discharge** Not available.

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#### 6. Accidental Release Measures

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**Personal precautions** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

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

**Methods for containment** Stop leak if you can do so without risk. Use water spray to reduce vapours or divert vapour cloud drift. Prevent entry into waterways, sewers, basements or confined areas.

**Methods for cleaning up** Remove sources of ignition. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use.

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## 7. Handling and Storage

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<b>Handling</b>	Use only with adequate ventilation. Avoid contact with eyes. When using do not eat or drink. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. Avoid contact with skin and clothing. Keep container tightly closed. Avoid breathing vapours or mists of this product.
<b>Storage</b>	Keep away from heat and flame. Store in a closed container away from incompatible materials. Keep out of reach of children. Do not store at temperatures above 120°F (49°C).

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## 8. Exposure Controls/Personal Protection

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### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	25 ppm
1,3,5-Trimethylbenzene (CAS 108-67-8)	TWA	25 ppm
Naphthalene (CAS 91-20-3)	STEL	15 ppm
	TWA	10 ppm

**Exposure limits** Chemicals listed in section 3 that are not listed here do not have established limit values for ACGIH.

**Engineering controls** General ventilation normally adequate.

### Personal protective equipment

**Eye/Face protection** Wear safety glasses with side shields.

**Hand protection** Rubber gloves. Confirm with a reputable supplier first.

**Skin and body protection** As required by employer code.

**Respiratory protection** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

**General hygiene considerations** Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practices. When using do not eat or drink.

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## 9. Physical and Chemical Properties

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<b>Appearance</b>	Clear
<b>Colour</b>	Light yellow to amber
<b>Form</b>	Liquid
<b>Odour</b>	Mild Kerosene
<b>Odour threshold</b>	Not available.
<b>Physical state</b>	Liquid.
<b>pH</b>	Not available.
<b>Freezing point</b>	Not available.
<b>Boiling point</b>	Not available.
<b>Pour point</b>	Not available.
<b>Evaporation rate</b>	Not available
<b>Flash point</b>	91.7 °C (197.0 °F) Setaflash Closed Tester
<b>Auto-ignition temperature</b>	Not available.
<b>Flammability Limits in Air, Upper, % by Volume</b>	Not available.
<b>Flammability Limits in Air, Lower, % by Volume</b>	Not available.
<b>Heat of combustion</b>	Not available.
<b>Vapour pressure</b>	Not available.

<b>Vapour density</b>	Not available.
<b>Specific gravity</b>	0.85 - 0.89
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Solubility (Water)</b>	Negligible
<b>Relative density</b>	Not available.
<b>Viscosity</b>	Not available.
<b>VOC</b>	Not available
<b>Percent volatile</b>	Not available

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## 10. Stability and Reactivity

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<b>Reactivity</b>	This product may react with strong acids and strong oxidizing agents.
<b>Possibility of hazardous reactions</b>	Hazardous polymerisation does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Avoid high temperatures. Do not mix with other chemicals. Heat, open flames, static discharge, sparks and other ignition sources.
<b>Incompatible materials</b>	Acids. Oxidizers.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon. Oxides of nitrogen.

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## 11. Toxicological Information

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### Toxicological data

Components	Species	Test results
1,2,4-Trimethyl benzene (CAS 95-63-6)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 3160 mg/kg
	Rat	>= 3160 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 2000 ppm, 48 Hours
		3661 ppm
<i>Oral</i>		
LD50	Rat	3280 mg/kg
1,3,5-Trimethylbenzene (CAS 108-67-8)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Rat	24 mg/m3/4H
<i>Oral</i>		
LD50	Rat	23000 mg/kg
		8970 mg/kg
Distillates (petroleum), hydrotreated middle (CAS 64742-46-7)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	4.6 mg/l/4h
<i>Oral</i>		
LD50	Rat	7400 mg/kg

Components	Species	Test results
Distillates (petroleum), light hydrotreated (CAS 64742-47-8)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 2.8 mg/l/4h
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
Naphthalene (CAS 91-20-3)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
		> 20 g/kg
		> 2 g/kg
	Rat	2500 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 340 mg/m3, 1 Hours
		> 0.2 mg/l, 4 Hours, (Vapour)
		> 0.1 mg/l, 4 Hours, (dust)
		500 mg/m3, 8 Hours
		141 ppm, 4 Hours
		85 mg/m3, 4 Hours, (dust)
<i>Oral</i>		
LD50	Guinea pig	1200 mg/kg
	Mouse	533 mg/kg
	Rat	490 mg/kg
Poly[oxy(1,2-propanediyl)], .alpha.-(3-aminopropyl)-.omega.-hydroxy-, C12-15 alkyl ethers (CAS Proprietary)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Not available	
Poly[oxy(1,2-propanediyl)].alpha.-propyl-.omega.-hydroxy-C12-15 alkyl ethers (CAS Proprietary)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Not available	
Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 3000 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	2500 mg/kg

**Effects of acute exposure**

**Eye contact** May cause irritation.  
**Skin contact** Causes irritation. May be absorbed through the skin.

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

Naphthalene (CAS 91-20-3) Can be absorbed through the skin.

**Inhalation** Aspiration of material into lungs can cause chemical pneumonitis. May cause respiratory irritation.

**Ingestion** May cause stomach distress, nausea or vomiting.

**Sensitisation** Non-hazardous by WHMIS criteria.

**Chronic effects** Hazardous by WHMIS criteria.

**Carcinogenicity** See below.

**ACGIH Carcinogens**

Distillates (petroleum), hydrotreated middle (CAS 64742-46-7) A2 Suspected human carcinogen.

Naphthalene (CAS 91-20-3) A4 Not classifiable as a human carcinogen.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Distillates (petroleum), hydrotreated middle (CAS 64742-46-7) Volume 33, Supplement 7, Volume 100F 1 Carcinogenic to humans.

Naphthalene (CAS 91-20-3) Volume 82 - 2B Possibly carcinogenic to humans.

**Mutagenicity** Non-hazardous by WHMIS criteria.

**Reproductive effects** Non-hazardous by WHMIS criteria.

**Teratogenicity** Non-hazardous by WHMIS criteria.

**Name of Toxicologically Synergistic Products** Not available.

**12. Ecological Information**

**Ecotoxicity** See below

**Ecotoxicological data****Components**

1,2,4-Trimethyl benzene (CAS 95-63-6)

Components	Species	Test results
Crustacea EC50	Daphnia	6.14 mg/L, 48 Hours

**Aquatic**

Fish LC50	Fathead minnow ( <i>Pimephales promelas</i> )	7.19 - 8.28 mg/l, 96 hours
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1,3,5-Trimethylbenzene (CAS 108-67-8)

**Aquatic**

Fish LC50	Goldfish ( <i>Carassius auratus</i> )	9.89 - 15.05 mg/l, 96 hours
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Distillates (petroleum), light hydrotreated (CAS 64742-47-8)

**Aquatic**

Fish LC50	Rainbow trout, donaldson trout ( <i>Oncorhynchus mykiss</i> )	2.9 mg/l, 96 hours
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Naphthalene (CAS 91-20-3)

Algae IC50	Algae	0.4 mg/L, 72 Hours
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Crustacea EC50	Daphnia	2.16 mg/L, 48 Hours
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**Aquatic**

Crustacea EC50	Water flea ( <i>Daphnia magna</i> )	1.09 - 3.4 mg/l, 48 hours
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Fish LC50	Pink salmon ( <i>Oncorhynchus gorbuscha</i> )	1.11 - 1.68 mg/l, 96 hours
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**Persistence and degradability** Not available.

**Bioaccumulation/accumulation** Not available

**Mobility in environmental media** Not available.

**Environmental effects** Not available.

**Aquatic toxicity** Not available.

**Partition coefficient**  
Naphthalene 3.3

**Chemical fate information** Not available.

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### 13. Disposal Considerations

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**Disposal instructions** Dispose in accordance with all applicable regulations. Review federal, provincial, and local government requirements prior to disposal.

**Waste from residues / unused products** Not available

**Contaminated packaging** Not available

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### 14. Transport Information

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#### Transportation of Dangerous Goods (TDG - Canada)

##### Basic shipping requirements:

**UN number** UN3082

**Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Naphthalene, Polyether amine)

**Hazard class** 9

**Packing group** III

**Special provisions** 16

TDG



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### 15. Regulatory Information

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**Canadian federal regulations** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

#### Canada CEPA Schedule I: Listed substance

Naphthalene (CAS 91-20-3) Listed.

#### Canada DSL Challenge Substances: Listed substance

Naphthalene (CAS 91-20-3) Listed.

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

1,2,4-Trimethyl benzene (CAS 95-63-6) 1 TONNES

1,3,5-Trimethylbenzene (CAS 108-67-8) 1 TONNES

Distillates (petroleum), light hydrotreated (CAS 64742-47-8) 1 TONNES

#### Canada WHMIS Ingredient Disclosure: Threshold limits

1,2,4-Trimethyl benzene (CAS 95-63-6) 0.1 %

1,3,5-Trimethylbenzene (CAS 108-67-8) 0.1 %

Distillates (petroleum), hydrotreated middle (CAS 64742-46-7) 1 %

Naphthalene (CAS 91-20-3) 1 %

**WHMIS Classification** Exempt - Consumer product

#### Inventory status

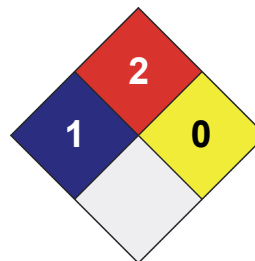
Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

\*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	*	1
FLAMMABILITY		2
PHYSICAL HAZARD		0
PERSONAL PROTECTION		X



### 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.

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### Prepared by

Dell Tech Laboratories Ltd. Phone: (519) 858-5021

### Other information

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

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.