

Material Safety Data Sheet

1. MATERIAL AND COMPANY IDENTIFICATION

Material Name : **Gumout 2X All In One Complete Fuel System Cleaner**
Uses : Fuel system cleaner

Manufacturer/Supplier : **ITW Global Brands**
 6925 Portwest Dr., Suite 100
 Houston, TX. 77024-8042
 USA

MSDS Request : 1-855-888-1988

Emergency Telephone Number
Spill Information : (CHEMTREC) 1-800-424-9300, Local: 1-703-527-3887
Health Information : (RMPDC) 1-877-504-9352

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS No.	Concentration
Naphthalene	91-20-3	>= 0.10 - < 1.00 %

3. HAZARDS IDENTIFICATION

Emergency Overview	
Appearance and Odour	: Yellow. Liquid. Mild.
Health Hazards	: Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.
Safety Hazards	: Combustible liquid.
Environmental Hazards	: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Health Hazards

Inhalation : Vapours may cause drowsiness and dizziness.
Skin Contact : Repeated exposure may cause skin dryness or cracking.
Eye Contact : No specific hazards under normal use conditions.
Ingestion : May cause drowsiness and dizziness. Harmful: may cause lung damage if swallowed.

Other Information : Possibility of organ or organ system damage from prolonged exposure; see Chapter 11 for details. Target organ(s): Central nervous system (CNS).
 Lungs
 Limited evidence of carcinogenic effect.

Signs and Symptoms : Defatting dermatitis signs and symptoms may include a burning sensation and/or a dried/cracked appearance. If material enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of

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breath, and/or fever. The onset of respiratory symptoms may be delayed for several hours after exposure. Lung damage (scarring, bronchitis, emphysema) may be indicated by shortness of breath, especially on exertion, and may be accompanied by a chronic cough.

- Aggravated Medical Condition** : Pre-existing medical conditions of the following organ(s) or organ system(s) may be aggravated by exposure to this material: Skin. Central nervous system (CNS).
- Environmental Hazards** : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Additional Information** : Under normal conditions of use or in a foreseeable emergency, this product meets the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

4. FIRST AID MEASURES

- General Information** : Keep victim calm. Obtain medical treatment immediately.
- Inhalation** : Remove to fresh air. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Inhalation of vapours require immediate medical attention.
- Skin Contact** : Wipe off excess material from exposed area. Wash skin with water using soap if available.
- Eye Contact** : Flush eye with copious quantities of water.
- Ingestion** : If swallowed, do not induce vomiting; transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
- Advice to Physician** : Consult a Poison Control Centre for guidance. Dermatitis may result from prolonged or repeated exposure.

5. FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.

- Flash point** : 83.34 °C / 182.01 °F (Setaflash Closed Cup)
- Upper / lower** : Data not available
- Flammability or Explosion limits** : Combustible.
- Specific Hazards** : Combustible.
- Suitable Extinguishing Media** : Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

6. ACCIDENTAL RELEASE MEASURES

- Protective measures** : Remove all possible sources of ignition in the surrounding area. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers.
- Clean Up Methods** : Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.
- Additional Advice** : Observe all relevant local and international regulations.

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7. HANDLING AND STORAGE

Handling : Use only in well-ventilated areas.
Storage : Keep in a cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Contains no components with occupational exposure limit values.

Additional Information : Adequate ventilation to control airborne concentrations below the exposure guidelines/limits.

Exposure Controls : Adequate ventilation to control airborne concentrations below the exposure guidelines/limits.

Personal Protective Equipment : Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.

Respiratory Protection : Check with respiratory protective equipment suppliers.

Hand Protection : Not normally required.

Eye Protection : Eye protection is not required under normal conditions of use. If material is handled such that it could be splashed into eyes, protective eyewear is recommended.

Protective Clothing : If material is handled such that it could be splashed into eyes, protective eyewear is recommended. For prolonged or repeated exposures, use impervious clothing over parts of the body subject to exposure.

Environmental Exposure Controls : Use only in well-ventilated areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Yellow. Liquid.
Odour : Mild.
pH : Data not available
Initial Boiling Point and Boiling Range : Data not available
Freezing Point : Data not available
Flash point : 83.34 °C / 182.01 °F (Setaflash Closed Cup)
Upper / lower Flammability or Explosion limits : Data not available
Vapour pressure : Data not available
Specific gravity : 0.88 (ASTM D-4052)
Density : 0.88 g/cm³ (ASTM D-4052)
Water solubility : Negligible.
n-octanol/water partition coefficient (log Pow) : Data not available
Vapour density (air=1) : Data not available

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Evaporation rate (nBuAc=1) : Data not available

10. STABILITY AND REACTIVITY

Stability : Stable under normal conditions of use.
Conditions to Avoid : Open flame.
Materials to Avoid : Not applicable.
Hazardous Decomposition Products : None expected under normal use conditions.
Hazardous Polymerisation : No
Sensitivity to Mechanical Impact : No

11. TOXICOLOGICAL INFORMATION

Basis for Assessment : Information given is based on data from similar products.
Acute Oral Toxicity : Expected to be of low toxicity: LD50 >2000 mg/kg , Rat
 Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal. Ingestion may cause drowsiness and dizziness.
Acute Dermal Toxicity : Expected to be of low toxicity: LD50 >2000 mg/kg , Rabbit
Acute Inhalation Toxicity : Expected to be of low toxicity: LC50 >5 mg/l Rat
 High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.
Skin Irritation : Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.
Eye Irritation : Expected to be slightly irritating.
Respiratory Irritation : Expected to be slightly irritating.
Sensitisation : Not a skin sensitiser.
Repeated Dose Toxicity : High exposures can cause drowsiness and dizziness. Central nervous system: repeated exposure affects the nervous system. Effects were seen at high doses only.
Mutagenicity : Not considered a mutagenic hazard.
Carcinogenicity : Repeated skin contact has resulted in irritation and skin cancer in animals. Limited evidence of carcinogenic effect.

Material	Carcinogenicity Classification
Naphthalene	ACGIH Group A4: Not classifiable as a human carcinogen.
Naphthalene	NTP: Anticipated carcinogen.
Naphthalene	IARC 2B: Possible carcinogen.

Reproductive and Developmental Toxicity : Not expected to be a developmental toxicant.

12. ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product.

Acute Toxicity : Expected to be toxic:

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Mobility : Disperses in water.
Persistence/degradability : Data not available
Bioaccumulation : Data not available
Other Adverse Effects : Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

13. DISPOSAL CONSIDERATIONS

Material Disposal : Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.
Local Legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14. TRANSPORT INFORMATION

US Department of Transportation Classification (49CFR)

This material is not subject to DOT regulations under 49 CFR Parts 171-180.

IMDG

This material is not classified as dangerous under IMDG regulations.

IATA (Country variations may apply)

This material is not classified as dangerous under IATA regulations.

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Federal Regulatory Status

Notification Status

EINECS All components listed or polymer exempt.
TSCA All components listed.
DSL All components listed.

Comprehensive Environmental Release, Compensation & Liability Act (CERCLA)

Gumout 2X All In One Complete Fuel System Cleaner () Reportable quantity: 69061 lbs

Naphthalene (91-20-3) Reportable quantity: 100 lbs

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Clean Water Act (CWA) Section 311

Naphthalene (91-20-3)

Reportable quantity: 100 lbs

SARA Hazard Categories (311/312)

Immediate (Acute) Health Hazard. Delayed (Chronic) Health Hazard. Fire Hazard.

SARA Toxic Release Inventory (TRI) (313)

Naphthalene (91-20-3)

0.1448%

State Regulatory Status

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This product contains a chemical known to the State of California to cause cancer.

New Jersey Right-To-Know Chemical List

Naphthalene (91-20-3)

Listed.

Pennsylvania Right-To-Know Chemical List

Naphthalene (91-20-3)

Environmental hazard.
Listed.

16. OTHER INFORMATION

NFPA Rating (Health, Fire, Reactivity) : 2, 2, 0

MSDS Version Number : 2.0

MSDS Effective Date : 11/17/2009

MSDS Revisions : A vertical bar (|) in the left margin indicates an amendment from the previous version.

MSDS Regulation : The content and format of this MSDS is in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

MSDS Distribution : The information in this document should be made available to all who may handle the product.

Disclaimer : The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental

Gumout 2X All In One Complete Fuel System Cleaner

MSDS# 10712

Version 2.0

Effective Date 11/17/2009

According to OSHA Hazard Communication Standard, 29 CFR

1910.1200

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requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.