

MATERIAL SAFETY DATA SHEET

GUMOUT® STEAM® ENGINE CLEANER DEGREASER

1. PRODUCT AND COMPANY IDENTIFICATION

MSDS Number: 621

Version Date: 9/6/2002

Product Name: GUMOUT® STEAM® ENGINE CLEANER DEGREASER

Product Use: Engine cleaner

Synonyms: #7575, STEAM® DEGREASER

Company Information

SOPUS Products
P.O. Box 4427
Houston, TX 77210-4427
USA

Phone Numbers

Medical Emergency: 1-800-546-6040
Transportation Emergency (USA): 1-800-424-9300
Transportation Emergency (International):
1-703-527-3887(Call Collect)
MSDS Assistance: 1-800-546-6227
Fax On Demand: 1-800-546-6227
Technical Assistance: 1-800-458-4998
Customer Service: 1-800-468-8397
Fax Number: 713-217-3181
Internet Address: www.MSDS.PZLQS.com

2. COMPONENT INFORMATION

Component	CAS No.	Weight Percent Range	Hazardous in Blend
HYDROTREATED LIGHT DISTILLATE	64742-47-8	30 - 40	Yes
EMULSIFIER	TRADESECRET	1 - 10	Yes
FATTY ACID	TRADESECRET	10 - 15	No
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	5 - 10	Yes
RUST INHIBITOR	TRADESECRET	5 - 10	Yes
PROPELLANT	TRADESECRET	10 - 15	Yes
WATER	7732-18-5	15 - 20	No

This product meets the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Hazards:

Flammable/Combustible -- Acute Toxin X Chronic Toxin -- Carcinogen --
Pressure X Reactive -- Exposure Limit X Target Organ -- Other --

Other: This product contains the glycol ethers, polyglycols, and glycols.

3. HAZARDS IDENTIFICATION

Emergency and Hazards Overview

CAUTION: CONTENTS UNDER PRESSURE. CONTACT MAY IRRITATE EYES.

NFPA Ratings: Health 2 Flammability 1 Reactivity 0

Primary Route of Exposure: Skin X Inhalation X Eye --

Health Effect Information

Eye Contact: Avoid eye contact. This product has not been tested for acute eye hazards. May be irritating to the eyes upon direct contact.

Skin Contact: This product is expected to be practically non-irritating upon direct contact.

Inhalation: This product is not expected to pose an inhalation hazard under conditions of foreseeable use.

Ingestion: Ingestion is unlikely for aerosol products. This product is relatively non-toxic by ingestion.

Medical Conditions Aggravated by Exposure: None expected.

Other: No information available

4. FIRST AID INFORMATION

Eye Contact: Immediately flush eyes with large amounts of water and continue flushing until irritation subsides. If irritation persists, seek medical attention.

Skin Contact: No treatment is necessary under ordinary circumstances.

Inhalation: This material does not present any known inhalation hazard.

Ingestion: Ingestion is unlikely for aerosol products. Accidental spraying into the mouth will not result in any harmful effects.

Notes to Physician: No information available

Other: No information available

5. FIRE AND EXPLOSION INFORMATION

Flammable Properties

Flash Point: No data available

Test Method: CPSC 1500.45

Flash Point: No data available

Test Method:

Flame Extension: No data available

Test Method: No information available

Flammable Limits in Air

Upper Percent: No data available

Lower Percent: No data available

Autoignition Temperature: No data available

Test Method: No information available

NFPA Classification: Water-based product - not applicable

Extinguishing Media: This material is nonflammable.

Fire Fighting Measures

Special Fire Fighting Procedures and Equipment: This material is nonflammable.

Unusual Fire and Explosion Conditions: This material is nonflammable. Caution! Contents are under pressure and can explode when exposed to heat or flames. Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50 C. Do not pierce or burn even after container is empty.

Hazardous Combustion By-Products: None

Other: No information available

6. ACCIDENTAL RELEASE MEASURES

Personnel Safeguards: None required

Regulatory Notifications: No notification required

Containment and Clean up: No special cleanup procedures are necessary.

MATERIAL SAFETY DATA SHEET

MSDS Number: 621

GUMOUT® STEAM® ENGINE CLEANER DEGREASER

Page 3 of 7

Other: No information available

7. HANDLING AND STORAGE INFORMATION

Handling: Contents under pressure and can explode when exposed to heat or open flame. Caution!--Do not puncture or incinerate.

Storage: Do not store at temperatures greater than 120 F.

Empty Container Warnings

Drums: Not applicable

Plastic: Not applicable

Other: No information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

Exposure Limits and Guidelines

Component	CAS No.	Exposure Limit
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	OSHA - PEL: TWA 100 ppm ACGIH - TLV: TWA 100 ppm ACGIH - TLV: STEL 150 ppm

Personal Protective Equipment

Eye/Face Protection: Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.

Skin Protection: Skin protection is not required under conditions of normal use.

Respiratory Protection: Respiratory protection is not required under conditions of normal use.

Personal Hygiene: No special requirements

Engineering Controls / Work Practices

Ventilation: General room ventilation is normally sufficient.

Other: No information available

MATERIAL SAFETY DATA SHEET

MSDS Number: 621

GUMOUT® STEAM® ENGINE CLEANER DEGREASER

Page 4 of 7

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear amber	
Odor: Petroleum	Vapor Pressure: Not applicable
Physical state: Liquid	Vapor Density (air=1): No data available
pH: No data available	Percent Volatile by Volume: < 50 %
Boiling Point: Not applicable	Volatile Organic Content: No data available
Melting Point: Not applicable	Molecular Weight: No data available
Specific Gravity: 0.9 - 0.91	Average Carbon Number: No data available
Pour Point: No data available	Viscosity @ 100 F: No data available
	Viscosity @ 40 C: No data available
Solubility in Water: Insoluble in water, soluble in hydrocarbons	
Octanol / Water Coefficient: Log K_{ow} = No data available	

10. STABILITY AND REACTIVITY INFORMATION

Chemical Stability: Stable

Conditions to Avoid: None

Incompatible Materials to Avoid: None

Other: No information available

11. TOXICOLOGICAL INFORMATION

Primary Eye Irritation: No information available

Primary Skin Irritation: No information available

Acute Dermal Toxicity: No information available

Subacute Dermal Toxicity: No information available

Dermal Sensitization: No information available

Inhalation Toxicity: No information available

Inhalation Sensitization: No information available

Oral Toxicity: No information available

Mutagenicity: No information available

Carcinogenicity: No information available

Reproductive and Developmental Toxicity: No information available

Teratogenicity: No information available

Immunotoxicity: No information available

Neurotoxicity: No information available

MATERIAL SAFETY DATA SHEET

MSDS Number: 621

GUMOUT® STEAM® ENGINE CLEANER DEGREASER

Page 5 of 7

Other: No information available

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: No information available

Terrestrial Toxicity: No information available

Chemical Fate and Transport: No information available

Other: No information available

13. DISPOSAL INFORMATION

Regulatory Information: Dispose of residual products and empty containers responsibly.

Waste Disposal Methods: Waste material may be landfilled or incinerated at an approved facility.

Other: No information available

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT)

Highway / Rail (Bulk): NOT APPLICABLE

Highway / Rail (Non-Bulk): CONSUMER COMMODITY, ORM-D

For US shipments, US DOT law requires the shipper to determine the proper shipping description of the material that is being shipped. The shipping information and description contained in this section may not be suitable for all shipments of this material, but may help the shipper determine the proper shipping description for a particular shipment.

International Information

Vessel: IMDG Regulated: X **IMDG Not Regulated:** --

Air: ICAO Regulated: X **ICAO Not Regulated:** --

Other: No information available

15. Regulatory Information

Regulatory Lists Searched: The components listed in Section 2 of this MSDS were compared to substances that appear on the following regulatory lists. Each list is numerically identified. See **Regulatory Search Results** below.

Health & Safety: 10 - IARC carcinogen, 11 - NTP carcinogen, 12 - OSHA carcinogen, 15 - ACGIH TLV, 16 - OSHA PEL, 17 - NIOSH exposure limit, 20 - US DOT Appendix A, Hazardous substances, 22 - FDA 21 CFR Total food additives, 23 - NFPA 49 or 325

Environmental: 30 - CAA 1990 Hazardous air pollutants, 31 - CAA Ozone depleters, 33 - CAA HON rule, 34 - CAA Toxic substance for accidental release prevention, 35 - CAA Volatile organic compounds (VOC's) in SOCOMI, 41 - CERCLA / SARA Section 302 extremely hazardous substances, 42 - CERCLA / SARA Section 313 emissions reporting, 43 - CWA Hazardous substances, 44 - CWA Priority pollutants, 45 - CWA Toxic pollutants, 46 - EPA Proposed test rule for hazardous air pollutants, 47 - RCRA Basis for listing - Appendix VII, 48 - RCRA waste, 49 - SDWA - (S)MCLs

International: 50 - Canada - WHMIS Classification of substance, 54 - Mexico - Drinking water - ecological criteria, 55 - Mexico - Wastewater discharges, 56 - US -TSCA Section (12)(b) - export notification

MATERIAL SAFETY DATA SHEET

MSDS Number: 621

GUMOUT® STEAM® ENGINE CLEANER DEGREASER

Page 6 of 7

State Lists: 60 - CA - Proposition 65, 61 - FL - Substances, 62 - MI - Critical materials, 63 - MA - RTK, 64 - MA - Extraordinarily hazardous substances, 65 - MN - Hazardous substances, 66 - PA - RTK, 67 - NJ - RTK, 68 - NJ - Environmental hazardous substances, 69 - NJ - Special hazardous substances

Inventories: 80 - Canada - Domestic substances, 81 - European - EINECS, 82 - Japan - ENCS, 83 - Korea - Existing and evaluated chemical substances, 84 - US - TSCA, 85 - China Inventory

Regulatory Search Results:

DIPROPYLENE GLYCOL METHYL ETHER: 15, 17, 50, 61, 63, 65, 66, 67, 69, 80, 81, 82, 83, 84, 85

HYDROTREATED LIGHT DISTILLATE: 80, 81, 83, 84, 85

WATER: 80, 81, 83, 84, 85

U.S. TSCA Inventory: All components of this material are on the US TSCA Inventory.

SARA Section 313: Consumer products are not regulated under SARA, Title III, Section 313.

IARC: No information available

SARA 311 / 312 Categories

Acute: -- **Chronic:** -- **Fire:** -- **Pressure:** X **Reactive:** --

Not Regulated: --

Canadian WHMIS Classification

Class A - Compressed gas

Class D - Poisonous and infectious material, Division 2B, Toxic Material

European Union Classification

Hazard Symbols:

No information available

Risk Phrases:

No information available

Safety Phrases:

No information available

Other: No information available

16. OTHER INFORMATION

Health and Environmental Label Language

Front Label:

CAUTION: CONTENTS UNDER PRESSURE.

Read carefully other cautions on back.

Back Label:

CAUTION: PRECAUTIONARY MEASURES: Do not puncture or incinerate container. Do not expose to heat or store at temperatures above 120 F. Avoid contact with eyes. Use with adequate ventilation.

FIRST AID: For contact with eyes, flush thoroughly with water.

KEEP OUT OF REACH OF CHILDREN.

MSDS Revisions

MATERIAL SAFETY DATA SHEET

MSDS Number: 621

GUMOUT® STEAM® ENGINE CLEANER DEGREASER

Page 7 of 7

Previous Version Date: 9/6/2002

Previous Version Information

Revised Section 14 - Transportation Information

Other

No information available

Prepared By:

SOPUS Products

P.O. Box 4427

Houston, TX 77210-4427 USA

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