

# Safety Data Sheet

## DEGREASE 40 +

SDS Revision Date:

03/01/2022



### 1. Identification

#### 1.1. Product identifier

**Product Identity**

DEGREASE 40 +

**Alternate Names**

05-060, Blended Formula, Low Foam Truck Body Cleaner- 55 gallon

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use**

Degreaser 40+ is a low foam alternative but strong and effective exterior truck body cleaner and degreaser. Dilute with water to desired strength.

**Application Method**

Read all precautions and instructions carefully before and after use.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name**

ComStar International Inc.  
20-47 128th Street,  
College Point, NY 11356

**Telephone No.**

718-445-7900  
800-328-0142  
Fax: 718-353-5998

**Emergency 24 HR response No:** 1-800-424-9300 & 703-527-3887 CHEMTREC

Note: The CHEMTREC phone number is only for emergencies involving spills, leaks, fire, exposure or accident. Please direct all other inquiries to our customer service phone number.

### 2. Hazard(s) Identification

#### Classification

Flammable liquids Category 4

Specific target organ toxicity (single exposure) Category 3

#### Label Elements



**Signal Word**

**Danger**

#### Hazard Statements

Combustible liquid

May cause respiratory irritation

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### Hazards not otherwise classified (HNOC)

Not Applicable

### Other hazards

Not available

### Precautionary Statements- Prevention

Avoid breathing  
dust/fume/gas/mist/vapors/spray Use  
only outdoors or in a well-ventilated  
area Wear protective gloves  
Wear eye/face protection  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Keep cool

### Response

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.  
If Inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

### Storage

Store in a well-ventilated place. Keep container tightly closed  
Store locked up

### Disposal

Dispose of contents/container to an approved waste disposal plant

## 3. Composition/information on ingredients

Ingredient/Chemical Designations	Weight	GHS Classification	
DIPROPYLENE GLYCOL METHYL ETHER CAS# 34590-94-8	<15	Flammable liquids Category 4 Specific target organ toxicity (single exposure) Category 3	
SURFACTANT CAS#: N/A	<10	Not Classified	
SODIUM HYDROXIDE LIQUID CAS #: 1310-73-2	<2	Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Eye Dam. 1, H318 Aquatic Acute 3, H402	
WATER CAS#: N/A	Balance	Not Classified	

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In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

\*The full texts of the phrases are shown in Section 16.

### 4. First aid measures

#### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	If symptomatic, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, get medical attention if symptoms persist.
<b>Eyes</b>	Immediately flush with plenty of water for at least 15 minutes. Get medical attention.
<b>Skin</b>	Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention if irritation develops.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

#### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	May cause eye/skin irritation Irritating to respiratory system May cause headache Lightheadedness Dizziness Fainting
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#### Indication of any immediate medical attention and special treatment

#### needed

#### Notes to Physician:

Treat symptomatically.

#### Protection of first-aiders

First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

### 5. Fire-fighting measures

#### 5.1. Extinguishing media:

#### Suitable Extinguishing Media:

Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray mist or foam.

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### Unsuitable Extinguishing Media:

High volume water jet. Do not use a solid (straight) water stream as it may scatter and spread fire.

### 5.2. Specific hazards arising from the chemical

Combustible material. May be ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Most vapors are heavier than air. They will spread along the ground and collect in low or confined areas (sewers, basements, tanks). Container explosion may occur under fire conditions or when heated.

### 5.3. Hazardous Combustion Products:

Carbon Monoxide, Carbon Dioxide

### 5.4. Special Protective Actions for Firefighters

#### Specific Methods:

Water mist may be used to cool closed containers. For larger fires, use water spray or fog. Cool containers with flooding quantities of water until well after fire is out.

#### Special Protective Equipment for Firefighters:

As in any fire, wear self-containment breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### Personal Precautions:

Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Remove all sources of ignition.

### 6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

#### Methods and material for containment and cleaning up

Stop leak if you can do it without risk. Absorb spill with inert material (e.g., vermiculite, dry sand or earth). In case of large spill, dike if needed. Dike far ahead of liquid spill for later disposal

#### Methods for cleaning up

Use appropriate tools to put the spilled material in a suitable chemical waste disposal container. Use only non-sparking tools. Clean contaminated surface thoroughly.

## 7. Handling and storage

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### 7.1. Precautions for safe handling

#### Technical Measures/Precautions:

Provide sufficient air exchange and/or exhaust in work rooms. Remove all sources of ignition. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from incompatible materials.

### 7.2. Safe Handling Advice

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Keep away from heat and sources of ignition. Do not ingest. Do not breathe vapors or spray mist. Handle in accordance with good industrial hygiene and safety practice.

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

#### Technical Measures/Storage Conditions:

Keep container tightly closed. Keep in a well-ventilated place. Store at room temperature in the original container. Store in a segregated and approved area. Store away from incompatible materials.

#### Incompatible Materials:

Oxidizing agents

Strong acids

## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

#### National occupational exposure limits

##### United States

Components	CAS-NO		OSHA	NIOSH	ACGIH	AIHA WEEL
Dipropylene Glycol Methyl Ether	34590-94-8		100 ppm TWA	100 ppm TWA	150 ppm STEL	None
			600 mg/m <sup>3</sup> TWA	600 mg/m <sup>3</sup> TWA	100 ppm TWA	
				150 ppm STEL	100 ppm TWA	
				900 mg/m <sup>3</sup> STEL		

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### Canada

Components	CAS-No.	Canada - Alberta	Canada - British Columbia	Canada - Ontario	Canada - Quebec
Dipropylene Glycol Methyl Ether	34590-94-8	100 ppm TWA	100 ppm TWA	150 ppm STEL	None
		606 mg/m <sup>3</sup> TWA	150 ppm STEL		
		150 ppm STEL			
		909 mg/m <sup>3</sup> STEL			

### Australia and Mexico

Components	CAS-No.	Australia	Mexico
Dipropylene Glycol Methyl Ether	34590-94-8	50 ppm TWA	100 ppm TWA
		308 mg/m <sup>3</sup> TWA	60 mg/m <sup>3</sup> TWA
			150 ppm STEL
			900 mg/m <sup>3</sup> STEL

### Appropriate engineering controls

#### Engineering measures to reduce exposure:

Ensure adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors and mist below their respective threshold limit value.

#### 8.2. Exposure controls

**Respiratory Protection** If engineering controls do not maintain airborne concentrations to an acceptable level, a NIOSH approved respirator must be worn.

**Respirator Type** Respirator Type: Organic vapor. If respirators are used, a program should be instituted to assure Compliance with OSHA Standard 29 CFR 1910.134.

**Eyes** Wear safety glasses with side shields (or goggles) and a face shield.

**Skin** Long sleeved clothing, chemical resistant apron, and gloves. It is good industrial hygiene practice to minimize skin contact.

**Engineering Controls** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances such as poorly ventilated spaces, evaporation from large surfaces,

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spraying, heating, etc. Recommended Decontamination Facilities: Eye bath, washing facilities.

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

### 9. Physical and chemical properties

<b>Appearance</b>	Liquid
<b>Color</b>	Colorless
<b>Odor</b>	Ether-like
<b>Odor threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting point / freezing point</b>	-80 °C/-112 °F
<b>Initial boiling point and boiling range</b>	190 °C/374 °F
<b>Flash Point</b>	85°C/185°F
<b>Evaporation rate (Ether = 1)</b>	No information available
<b>Flammability (solid, gas)</b>	Combustible
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> 1.1% <b>Upper Explosive Limit:</b> 3%
<b>Vapor pressure (Pa)</b>	No information available
<b>Vapor Density</b>	5.11
<b>Specific Gravity</b>	0.95
<b>Solubility</b>	Soluble in Water, Soluble in Ether, Soluble in Acetone
<b>Partition coefficient n-octanol/water (Log Kow)</b>	0.803
<b>Auto-ignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity (cSt)</b>	No information available
<b>Volatiles (% by weight)</b>	No information available
<b>Octanol/Water Partition Coefficient</b>	No information available
<b>Miscibility:</b>	Miscible with water Miscible with Ethanol Miscible with Ether Miscible with Acetone Miscible with Methanol Miscible with Carbon tetrachloride  Miscible with Benzene

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### 9.2. Other information

No other relevant information.

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

Hazardous Polymerization will not occur.

### 10.4. Condition to avoid

Stable at normal conditions

### 10.5. Incompatible materials

Oxidizing agents, strong acids

### 10.6. Hazardous decomposition products

Carbon monoxide, Carbon dioxide

### Other Information

**Corrosivity:** No information available

**Special Remarks on Corrosivity:** No information available

## 11. Toxicological information

### Information on likely routes of exposure

#### Principal Routes of Exposure:

Eyes. Inhalation. Ingestion.

#### Acute toxicity

Chemical	CAS #
Dipropylene Glycol Monoethyl Ether	(34590-94-8)

**LD50/oral/rat** =5.35 g/kg Oral LD50 Rat (LOLI); 5.4-5.5 ml/kg (RTECS)

**LD50/oral/mouse**=No information available

**LD50/dermal/rabbit** =9500 mg/kg dermal LD50 rabbit

**LD50/dermal/rat**= No information available

**LC50/inhalation/rat**= No information available

**LC50/inhalation/mouse**= No information available

**Other LD50 or LC50 information**= No information available

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### Product Information

**LD50/oral/rat =**

**VALUE- Acute Tox Oral = 5350 mg/kg**

**LD50/oral/mouse =**

**Value - Acute Tox Oral = No information available**

**LD50/dermal/rabbit**

**VALUE-Acute Tox Dermal = 9500 mg/kg**

**LD50/dermal/rat**

**VALUE -Acute Tox Dermal = No information available**

**LC50/inhalation/rat**

**VALUE-Vapor = No information**

**available VALUE-Gas = No information**

**available VALUE-Dust/Mist = No**

**information available**

**LC50/Inhalation/mouse**

**VALUE-Vapor = No information available**

**VALUE - Gas = No information available**

**VALUE - Dust/Mist = No information**

**available**

### Symptoms

**Skin Contact:**

May cause skin irritation.

**Eye Contact:**

May cause eye irritation. May cause minor, transient eye irritation.

**Inhalation**

Irritating to respiratory system. May affect behavior/central nervous system (dizziness, lightheadedness, passing out). May cause headache.

**Ingestion**

Health injuries are not known or expected under normal use.

**Aspiration hazard**

No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term

**Chronic Toxicity**

Chronic exposure may affect the liver.

**Sensitization:**

No information available.

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**Mutagenic Effects:** No information available

**Carcinogenic effects:** Not considered carcinogenic.

Components	CAS-No.	IARC	ACGIH - Carcinogens	NTP	OSHA HCS - Carcinogens	Australia - Notifiable Carcinogenic	Australia - Prohibited Carcinogenic
Dipropylene Glycol Methyl Ether	34590-94-8	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

**ACGIH (American Conference of Governmental Industrial Hygienists)**

**IARC (International Agency for Research on Cancer)**

**NTP (National Toxicology Program)**

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

**Reproductive toxicity** No data is available

**Reproductive Effects:** No information available

**Developmental Effects:** No information available

**Teratogenic Effects:** No information available

### **Specific Target Organ Toxicity**

**STOT- single exposure** Respiratory Tract

**STOT- repeated exposure** No information available

**Target Organs:** Respiratory system

## 12. Ecological information

### **Ecotoxicity**

**Ecotoxicity effects:** Aquatic environment.

**Freshwater Fish Species Data:** 10000 mg/L LC50 Pimephales promelas 96 h static 1

**Water Flea Data:** 1919 mg/L LC50 Daphnia magna 48 h

**Persistence and degradability:** No information available

**Bioaccumulative potential:** No information available.

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**Mobility:** No information available

### 13. Disposal considerations

#### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

#### Waste from residues / unused products:

Waste must be disposed of in accordance with Federal, State and Local regulation.

#### Contaminated packaging:

Empty containers should be taken for local recycling, recovery or waste disposal

### 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Regulated	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	Not Regulated	Not Regulated	Not Regulated
14.4. Packing group	Not Regulated	Not Regulated	Not Regulated

#### 14.5. Environmental hazards

IMDG Marine Pollutant: No Information available

#### 14.6. Special precautions for user

No further information

### 15. Regulatory information

#### International Inventories

Components	CAS-No.	U.S. TSCA	KOREA KECL	Philippines (PICCS)	Japan ENCS	CHINA	Australia (AICS)	EINECS-No.
Dipropylene Glycol Methyl Ether	34590-94-8	Present ACTIVE	Present KE-12230	Present	Present (2)-426,(7)-97	Present	Present	Present 252-104-2

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### U.S. Regulations

Dipropylene Glycol Methyl Ether

**Massachusetts RTK:** Present

**New Jersey RTK Hazardous Substance List:** 0804

**Pennsylvania RTK:** Present

**Minnesota - Hazardous Substance List:** Present

**California Directors List of Hazardous Substances:** Present

**California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986.**

#### **Chemicals Known to the State of California to Cause Cancer:**

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

#### **Chemicals Known to the State of California to Cause Reproductive Toxicity:**

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

Components	CAS-No.	Carcinogen	Developmental Toxicity	Male Reproductive Toxicity	Female Reproductive Toxicity:
Dipropylene Glycol Methyl Ether	34590-94-8	Not Listed	Not Listed	Not Listed	Not Listed

### CERCLA/SARA

Components	CAS-No.	CERCLA - Hazardous Substances and their Reportable Quantities	Section 302 Extremely Hazardous Substances and TPQs	Section 302 Extremely Hazardous Substances and RQs	Section 313 - Chemical Category	Section 313 - Reporting de minimis
Dipropylene Glycol Methyl Ether	34590-94-8	None	None	None	None	None

### U.S. TSCA

Components	CAS-No.	TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)	TSCA 8(d) -Health and Safety Reporting
Dipropylene Glycol Methyl Ether	34590-94-8	Not Applicable	Not Applicable

### Canada

### WHIMIS 2015 - GHS Classifications

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WHMIS 2015 Hazard  
Classification

. Information:

WHMIS 2015 Hazard Classification

Component

Dipropylene Glycol Methyl Ether 34590-94-8 ( 100 )  
Flammable liquids - Category 4: H227 Combustible liquid.

### Canada Hazardous Products Regulation

This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR

### WHMIS 1988 Hazard Class

B3 Combustible liquid

### WHMIS 1988 Components

Dipropylene Glycol Methyl Ether B3

### Canada Controlled Products Regulation:

This product has been classified according to the hazard criteria of the CPR (Controlled Products Regulation) and the MSDS contains all of the information required by the CPR.

Components	WHMIS Ingredient Disclosure List -
Dipropylene Glycol Methyl Ether	1 %

### Inventory

Components	CAS-No.	Canada (DSL)	Canada (NDSL)
Dipropylene Glycol Methyl Ether	34590-94-8	Present	Not Listed

Components	CAS-No.	CEPA Schedule I - Toxic Substances
Dipropylene Glycol Methyl Ether	34590-94-8	Not listed
Components	CAS-No.	CEPA - 2010 Greenhouse Gases Subject to Mandatory Reporting
Dipropylene Glycol Methyl Ether	34590-94-8	Not listed

### EU Classification

### EU GHS - SV - CLP 1272/2008

Components	CAS-No.	EU GHS - SV - CLP (1272/2008)
Dipropylene Glycol Methyl Ether	34590-94-8	No information

### EU - CLP (1272/2008)

### R-phrases(s)

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not determined (not applicable)

**S -phrase(s)**

none

Components	CAS-No.	Classification	Concentration Limits:	Safety Phrases
Dipropylene Glycol Methyl Ether	34590-94-8		No information	

**The product is classified in accordance with Annex VI to Directive 67/548/EEC**

**Indication of danger:**

not determined

### 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The opinions expressed are those of qualified experts within ComStar International Inc. We believe that the information contained is current as of the date of the I Safety Data Sheet. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of ComStar International Inc., it is the user's obligation to determine the conditions of safe use of the product.

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