



## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: GEL 2000

MATERIAL: Viscosity Modifying Gel

COMPANY: Mountain Supply & Service, LLC  
1512 Colony Circle  
Longview, TX 75604  
Phone: 888.547.1149  
ChemTel: 800-255-3924

## 2. HAZARD(S) IDENTIFICATION

### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

This product has been classified in accordance with the hazard communication standard 29 CFR 1910.1200; the SDS and labels contain all the information as required by the standard.

HAZARD CLASSIFICATION: Not a hazardous substance or mixture

LABELING: Not a hazardous substance or mixture

### CARCINOGENICITY:

**IARC** No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**NTP** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight %
Distillates (petroleum), hydrotreated light	64742-47-8	50-90

## 4. FIRST AID MEASURES

GENERAL ADVICE: No hazards which require special first aid measures.

IF INHALED: If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

IN CASE OF EYE CONTACT: Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.

IF SWALLOWED: Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist call a physician.

## 5. FIRE FIGHTING MEASURES

FLASH POINT: 93 °C (>199 °F)

AUTOIGNITION TEMPERATURE: Not applicable.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: Wear self-contained breathing apparatus for firefighting if necessary.

FURTHER INFORMATION: Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

FIRE AND EXPLOSION PROTECTION: Normal measures for preventative fire protection.



## 6. ACCIDENTAL RELEASE MEASURES

### ENVIRONMENTAL PRECAUTIONS:

If the product contaminates rivers and lakes or drains inform respective authorities.

### METHODS FOR CLEANING UP:

Wipe up with absorbent material (e.g. cloth fleece). Keep in suitable closed containers for disposal.

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## 7. HANDLING AND STORAGE

### HANDLING

#### ADVICE ON SAFE HANDLING:

For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.

**ADVICE ON PROTECTION AGAINST FIRE AND EXPLOSION:** Normal measures for preventative fire protection.

### STORAGE

#### REQUIREMENTS FOR STORAGE:

Electrical installations / working materials must comply with the technological safety standards.

#### ADVICE ON COMMON STORAGE:

No materials to be especially mentioned.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING MEASURES

Adequate ventilation to control airborne concentrations below the exposure guidelines/limits. Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

### PERSONAL PROTECTIVE EQUIPMENT

#### RESPIRATORY PROTECTION:

Wear a supplied-air NIOSH approved respirator unless ventilation or other engineering controls are adequate to maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure. Wear a NIOSH approved respirator that provides protection when working with this material if exposure to harmful levels of airborne material may occur. Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.

#### HAND PROTECTION:

The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

#### EYE PROTECTION:

Eye wash bottle with pure water. Tightly fitting safety goggles.



## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION CONT'D

### SKIN AND BODY PROTECTION:

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

### HYGIENE MEASURES:

General industrial hygiene practice.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

#### APPEARANCE

FORM	Liquid
PHYSICAL STATE	Liquid
COLOR	Tan, Brown
ODOR	Mild, Aromatic
SAFETY DATA	
FLASH POINT:	>93 °C (>199 °F)
MOLECULAR WEIGHT:	Not applicable
pH:	Not applicable
FREEZING POINT:	Not applicable
MELTING POINT/RANGE:	Not applicable
POUR POINT:	-30 °C (-22 °F)
BOILING POINT/BOILING RANGE:	Not applicable
VAPOR PRESSURE:	No data available
DENSITY:	1.005-1.020G/ml as 25°C (77 °F)
WATER SOLUBILITY:	No data available
PARTITION COEFFICIENT: N-OCTANOL/WATER:	Not applicable
SOLUBILITY IN OTHER SOLVENTS:	No data available
VISCOSITY, KINEMATIC:	1078 mm <sup>2</sup> /s @ 40 °C (104 °F)
RELATIVE VAPOR DENSITY:	Not applicable
EVAPORATION RATE:	Not applicable

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## 10. STABILITY AND REACTIVITY

### CHEMICAL STABILITY

This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### POSSIBILITY OF HAZARDOUS REACTIONS:

#### CONDITIONS TO AVOID:

No data available

#### HAZARDOUS DECOMPOSITION PRODUCTS:

Not applicable

#### OTHER DATA:

No decomposition if stored and applied as directed.



## 11. TOXICOLOGICAL INFORMATION

### ACUTE ORAL TOXICITY

Distillates (petroleum), hydrotreated light No data available

### ACUTE INHALATION TOXICITY

Distillates (petroleum), hydrotreated light No data available

### ACUTE DERMAL TOXICITY

Distillates (petroleum), hydrotreated light No data available

### SKIN IRRITATION

Distillates (petroleum), hydrotreated light No skin irritation  
Information given is based on data obtained from similar substances.

### EYE IRRITATION

Distillates (petroleum), hydrotreated light No eye irritation  
Information given is based on data obtained from similar substances.

### SENSITIZATION

Distillates (petroleum), hydrotreated light Does not cause skin sensitization.  
Information given is based on data obtained from similar substances.

### ASPIRATION TOXICITY

Distillates (petroleum), hydrotreated light May be fatal if swallowed and enters airways.

### FURTHER INFORMATION

No data available

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## 12. ECOLOGICAL INFORMATION

### TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES

Distillates (petroleum), hydrotreated light EL50: > 100 mg/l  
Exposure time: 48 h  
Species: Daphnia magna (Water flea)  
static test Method: OECD Test Guideline 202  
Aquatic toxicity is unlikely due to low solubility.

### BIODEGRADABILITY

Distillates (petroleum), hydrotreated light No data available

### ECOTOXICOLOGY ASSESSMENT

Additional ecological information No data available

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## 13. DISPOSAL CONSIDERATIONS

The information in this SDS pertains only to the product as shipped. Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

**CONTAMINATED PACKAGING** Empty containers should be taken to an approved waste handling site for recycling or disposal.



## 14. TRANSPORT INFORMATION

The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments in non-bulk packages (see regulatory definition).

Consult the appropriate domestic or international mode-specific and quantity-specific Dangerous Goods Regulations for additional shipping description requirements (e.g., technical name or names, etc.) Therefore, the information shown here, may not always agree with the bill of lading shipping description for the material. Flashpoints for the material may vary slightly between the SDS and the bill of lading.

### US DOT (UNITED STATES DEPARTMENT OF TRANSPORTATION)

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

### IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

### IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

### ADR (AGREEMENT ON DANGEROUS GOODS BY ROAD (EUROPE))

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

### RID (REGULATIONS CONCERNING THE INTERNATIONAL TRANSPORT OF DANGEROUS GOODS (EUROPE))

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

### ADN (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS)

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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## 15. REGULATORY INFORMATION

### NATIONAL LEGISLATION

#### SARA 311/312 Hazards

CERCLA Reportable Quantity

SARA 302 Reportable Quantity

SARA 302 Threshold Planning Quantity

SARA 304 Reportable Quantity

SARA 313 Ingredients

No SARA hazards

This material does not contain any components with a CERCLA RQ.

This material does not contain any components with a SARA 302 RQ.

This material does not contain any components with a section 302 EHS TPQ.

This material does not contain any components with a section 304 EHS RQ.

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### CLEAN AIR ACT

Ozone-Depletion Potential

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).



## 15. REGULATORY INFORMATION CONT'D

### US STATE REGULATIONS

Pennsylvania Right To Know

Distillates (petroleum), hydrotreated light - 64742-47-8

California Prop. 65 Ingredients

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

### NOTIFICATION STATUS

Europe REACH

Not in compliance with the inventory

United States of America (USA) TSCA

On TSCA Inventory

Switzerland CH INV

Not in compliance with the inventory

Canada DSL

All components of this product are on the Canadian DSL

Australia AICS

Not in compliance with the inventory

New Zealand NZIoC

Not in compliance with the inventory

Japan ENCS

Not in compliance with the inventory

Korea KECI

Not in compliance with the inventory

Philippines PICCS

Not in compliance with the inventory

China IECSC

Not in compliance with the inventory

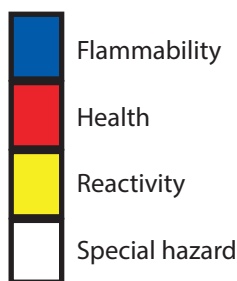
## 16. OTHER INFORMATION

### NFPA CLASSIFICATION

Health Hazard: 0

Fire Hazard: 2

Reactivity Hazard: 0



### KEY OR LEGEND TO ABBREVIATIONS AND ACRONYMS USED IN THE SAFETY DATA SHEET

ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals





**KEY OR LEGEND TO ABBREVIATIONS AND ACRONYMS USED IN THE SAFETY DATA SHEET CONT'D**

EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50	Lethal Concentration 50%		

**DISCLAIMER:**

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, the Company makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving this SDS will make their own determination as to its suitability for their intended purpose prior to use. Since the product is within the exclusive control of the user, it is the user's obligation to determine the conditions of safe use of this product. Such conditions should comply with all Federal Regulations concerning the Product. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.