



1. CHEMICAL IDENTIFICATION

PRODUCT NAME: GEL 1018
PRODUCT USE: LIQUID XANTHAN GUM SLURRY
COMPANY: Mountain Supply & Service, LLC
Phone: 903-753-2400
PO BOX 3111 • Longview, TX 75606
EMERGENCY TELEPHONE NUMBER: ChemTel: 800-255-3924

SYNONYMS: Liquid Xanthan Gum Slurry. For professional use only.

INTENDED USE OF THE PRODUCT

USE OF THE SUBSTANCE/MIXTURE: Gelling Agent

2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS-US CLASSIFICATION

Flam. Liq. 4 H227
Skin Irrit. 2 H315
STOT SE 3 H336
Asp. Tox. 1 H304

LABEL ELEMENTS

GHS-US LABELING

HAZARD PICTOGRAMS (GHS-US)



SIGNAL WORD (GHS-US):

HAZARD STATEMENTS (GHS-US):

Danger

H227 - Combustible liquid.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H336 - May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENTS (GHS-US):

P210 - Keep away from sparks, open flames, hot surfaces, heat. - No smoking

P261 - Avoid breathing vapors, mist, spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves, protective clothing, eye protection, face protection

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 - Call a POISON CENTER or doctor if you feel unwell.

P321 - Specific treatment (see section 4).

P331 - If swallowed, do NOT induce vomiting.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P362 - Take off contaminated clothing.

P370+P378 - In case of fire: Use appropriate media for extinction.

P403+P233+P235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool.

P405 - Store locked up

P501 - Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulations.

OTHER HAZARDS

UNKNOWN ACUTE TOXICITY (GHS US)

Not available

Not available



3. COMPOSITION/INFORMATION ON INGREDIENT

Name	Product Identifier	% (w/w)	GHS-US classification
Petroleum distillates, hydrotreated light	(CAS No.) 64742-47-8	45 - 55	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Xanthan gum	(CAS No.) 11138-66-2	40 - 50	Comb. Dust, H232
Propylene carbonate	(CAS No.) 108-32-7	0.1 - 1	Eye Irrit. 2A, H319
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-	(CAS No.) 9043-30-5	0.09	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318

Full text of H-phrases: see section 16

4. FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

INHALATION: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

SKIN CONTACT: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persist.

INGESTION: Rinse mouth. Do NOT induce vomiting.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

MOST IMPORTANT SYMPTOMS AND EFFECTS BOTH ACUTE AND DELAYED

GENERAL: Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis. Irritation of respiratory tract. Causes skin irritation.

INHALATION: May cause drowsiness or dizziness. Overexposure may be irritating to the respiratory system.

SKIN CONTACT: Causes skin irritation.

EYE CONTACT: May cause eye irritation.

INGESTION: May be fatal if swallowed and enters airways.

CHRONIC SYMPTOMS: Not available

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

If exposed or concerned, get medical advice and attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide, water spray, fog.

UNSUITABLE EXTINGUISHING MEDIA: Do not use extinguishing media containing water. Use of heavy stream of water may spread fire.



5. FIRE FIGHTING MEASURES (CONT'D)

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

FIRE HAZARD: Combustible liquid.

EXPLOSION HAZARD: May form flammable/explosive vapor-air mixture.

REACTIVITY: Stable at ambient temperature and under normal conditions of use.

ADVICE FOR FIREFIGHTERS

PRECAUTIONARY MEASURES FIRE: Not available

FIREFIGHTING INSTRUCTIONS: Exercise caution when fighting any chemical fire.

PROTECTION DURING FIREFIGHTING: Do not enter fire area without proper protective equipment, including respiratory protection.

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides (CO, CO₂).

REFERENCE TO OTHER SECTIONS

Refer to section 9 for flammability properties.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

GENERAL MEASURES: Use special care to avoid static electric charges. Keep away from open flames, hot surfaces and sources of ignition. No smoking. Avoid breathing (vapor, mist, spray). Use only outdoors or in a well-ventilated area.

FOR NON-EMERGENCY PERSONNEL

PROTECTIVE EQUIPMENT: Use appropriate personal protection equipment (PPE).

EMERGENCY PROCEDURES: Evacuate unnecessary personnel.

FOR EMERGENCY PERSONNEL

PROTECTIVE EQUIPMENT: Equip cleanup crew with proper protection.

EMERGENCY PROCEDURES: Ventilate area.

ENVIRONMENTAL PRECAUTIONS

Prevent entry to sewers and public waters.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

METHODS FOR CLEANING UP: Clear up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as: saw dust or cellulosic material.

REFERENCE TO OTHER SECTIONS

See heading 8, exposure controls and personal protection.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

ADDITIONAL HAZARDS WHEN PROCESSED: Handle empty containers with care because residual vapors are flammable. Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

HYGIENE MEASURES: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Wash hands, forearms, and other exposed areas thoroughly after handling.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

TECHNICAL MEASURES: Proper grounding procedures to avoid static electricity should be followed.

STORAGE CONDITIONS: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep in fireproof place.

INCOMPATIBLE MATERIALS: Strong acids. Strong bases. Strong oxidizers. Heat sources. Ignition sources. Direct sunlight.

MAXIMUM STORAGE PERIOD: 24 months.

STORAGE AREA: Store locked up. Store in a well-ventilated place. Keep cool.

SPECIFIC END USE(S)

Gelling Agent. For professional use only.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

Petroleum distillates, hydrotreated light (64742-47-8)		
British Columbia	OEL TWA (mg/m ³)	200 mg/m ³ (application restricted to conditions in which there are negligible aerosol exposures)

EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

PERSONAL PROTECTIVE EQUIPMENT: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



MATERIALS FOR PROTECTIVE CLOTHING: Chemically resistant materials and fabrics. Corrosion proof clothing.

HAND PROTECTION: Wear chemically resistant protective gloves.

EYE PROTECTION: Chemical goggles or safety glasses.

SKIN AND BODY PROTECTION: Wear suitable protective clothing.

RESPIRATORY PROTECTION: Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.

OTHER INFORMATION: When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information On Basic Physical And Chemical Properties

PHYSICAL STATE

: Liquid

APPEARANCE

: Viscous liquid, beige, slurry.

ODOR

: Not available

ODOR THRESHOLD

: Not available

pH

: Not available

RELATIVE EVAPORATION RATE (butylacetate=1)

: Not available

MELTING POINT

: -15 °C (5°F)

FREEZING POINT

: Not available

BOILING POINT

: 186 - 264 °C (366.8°-507.2°F)

FLASH POINT

: 62 °C (143°F)

AUTO-IGNITION TEMPERATURE

: Not available

DECOMPOSITION TEMPERATURE

: Not available

FLAMMABILITY (solid, gas)

: Not available

LOWER FLAMMABLE LIMIT

: Not available

UPPER FLAMMABLE LIMIT

: Not available

VAPOR PRESSURE

: Not available

RELATIVE VAPOR DENSITY AT 20 °C

: Not available

RELATIVE DENSITY

: Not available

SPECIFIC GRAVITY DENSITY

: 1.00 - 1.03:

SOLUBILITY

: Not available

LOG POW

: Not available

LOG KOW

: Not available

VISCOSITY, KINEMATIC

: Not available

VISCOSITY, DYNAMIC

: Not available

EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT

: Not available

EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE

: Not available



10. STABILITY AND REACTIVITY

REACTIVITY

Stable at ambient temperature and under normal conditions of use.

CHEMICAL STABILITY

Combustible liquid. May form flammable/explosive vapor-air mixture.

POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous polymerization will not occur.

CONDITIONS TO AVOID

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks. Incompatible materials.

INCOMPATIBLE MATERIALS

Strong acids. Strong bases. Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides (CO, CO₂). May release flammable gases.

11. TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS - PRODUCT

ACUTE TOXICITY	: Not classified
LD50 AND LC50	: Data Not available
SKIN CORROSION/IRRITATION	: Causes skin irritation.
SERIOUS EYE DAMAGE/IRRITATION	: Not classified
RESPIRATORY OR SKIN SENSITIZATION	: Not classified
GERM CELL MUTAGENICITY	: Not classified
TERATOGENICITY	: Not available
CARCINOGENICITY	: Not classified
SPECIFIC TARGET ORGAN TOXICITY (repeated exposure)	: Not classified
REPRODUCTIVE TOXICITY	: Not classified
SPECIFIC TARGET ORGAN TOXICITY (single exposure)	: May cause drowsiness or dizziness.
ASPIRATION HAZARD	: May be fatal if swallowed and enters airways.
SYMPTOMS/INJURIES AFTER INHALATION	: May cause drowsiness or dizziness. Overexposure may be irritating to the respiratory system.
SYMPTOMS/INJURIES AFTER SKIN CONTACT	: Causes skin irritation.
SYMPTOMS/INJURIES AFTER EYE CONTACT	: May cause eye irritation.
SYMPTOMS/INJURIES AFTER INGESTION	: May be fatal if swallowed and enters airways.

INFORMATION ON TOXICOLOGICAL EFFECTS - INGREDIENT(S)

LD50 AND LC50 DATA

Petroleum distillates, hydrotreated light (64742-47-8)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.2 mg/l (Exposure time: 4 h)

Propylene carbonate (108-32-7)	
LD50 oral rat	29000 mg/kg
LD50 dermal rabbit	> 20000 mg/kg



12. ECOLOGICAL INFORMATION

TOXICITY

Petroleum distillates, hydrotreated light (64742-47-8)	
LC50 fishes 1	45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	4720 mg/l (Exposure time: 96 h - Species: Den-dronereides heteropoda)
LC50 fish 2	2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

Propylene carbonate (108-32-7)	
LC50 fishes 1	5300 mg/l (Exposure time: 96 h - Species: Leuciscus idus [static])
EC50 Daphnia 1	> 500 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 other aquatic organisms 1	> 500 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
LC50 fish 2	> 1000 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static])

PERSISTENCE AND DEGRADABILITY

Persistence and degradability	Not established
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BIOACCUMULATIVE POTENTIAL

Bioaccumulative potential	Not established
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Petroleum distillates, hydrotreated light (64742-47-8)	
BCF fish 1	61 - 159

Propylene carbonate (108-32-7)	
Log Pow	0.48 (at 25 °C)

Mobility In Soil :Not available

Other Adverse Effects

Other information :Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL RECOMMENDATIONS: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

ADDITIONAL INFORMATION: Handle empty containers with care because residual vapors are flammable.

ECOLOGY - WASTE MATERIALS: Hazardous waste due to toxicity.

14. TRANSPORT INFORMATION

IN ACCORDANCE WITH ICAO/IATA/DOT/TDG

UN NUMBER Not regulated for transport

UN PROPER SHIPPING NAME Not regulated for transport

ADDITIONAL INFORMATION Not regulated for transport

OVERLAND TRANSPORT Not regulated for transport

TRANSPORT BY SEA Not regulated for transport

AIR TRANSPORT Not regulated for transport



15. REGULATORY INFORMATION

US FEDERAL REGULATIONS

Xanthan gum (11138-66-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Petroleum distillates, hydrotreated light (64742-47-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (9043-30-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Propylene carbonate (108-32-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

US STATE REGULATIONS

Xanthan gum (11138-66-2)

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

Petroleum distillates, hydrotreated light (64742-47-8)

U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour

U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (9043-30-5)

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

Propylene carbonate (108-32-7)

U.S. - Delaware - Volatile Organic Compounds Exempt from Requirements

U.S. - New Jersey - Excluded Volatile Organic Compounds

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

CANADIAN REGULATIONS

WHMIS Classification

Class B Division 3 - Combustible Liquid

Class D Division 2 Subdivision B - Toxic material causing other toxic effects



Xanthan gum (11138-66-2)

Listed on the Canadian DSL (Domestic Substances List) inventory.



15. REGULATORY INFORMATION (CONT'D)

Petroleum distillates, hydrotreated light (64742-47-8)

Listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Classification	Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects
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Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite (68953-58-2)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (9043-30-5)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Sorbitan, tri-9-octadecenoate, (Z,Z,Z)- (26266-58-0)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Propylene carbonate (108-32-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Listed on the Canadian Ingredient Disclosure List

WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects
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16. OTHER INFORMATION

OTHER INFORMATION

: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Asp. Tox. 1	Aspiration hazard Category 1
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Skin Irrit. 2	skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects

SPECIAL NOTICE

The information in this SDS pertains only to the product as shipped. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.