



8115 Loop 540, Beasley, TX 77417
Toll Free: 1-855-FINORIC (1-855-346-6742)
Email: info@finoric.com • www.finoric.com

Xanthan Gum Slurry SDS, Safety Data Sheet
MSDS Sheet, Material Safety Data Sheet

1. PRODUCT DESCRIPTION

Product Name: Xanthan Gum Slurry

CAS Number: Mixture

Recommended uses and uses advised against (if any): Oil & Gas Wells fracturing and Industrial Manufacturing.

SUPPLIER

Company: Finoric LLC

Address: 8115 Loop 540, Beasley, Texas, 77417 USA

In case of emergency contact:

InfoTrac

US: 1-800-535-5053

International: 352-323-3500

2. HAZARD IDENTIFICATION

**GHS, Globally Harmonized System Classification in accordance with 29 CFR 1910
Classification according to Regulation (EC) No 1272/2008**

Flammable liquids Category 4

Aspiration hazard Category 1

Labeling according to GHS USA & Regulation (EC) No 1272/2008



Signal Words: Danger



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Hazard statements:

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

Precautionary statements:

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P370+378: In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction. for extinction.

P403+405+235: Store locked up in a well ventilated place. Keep cool.

P501: Dispose of contents/container to authorized agents only.

Classification according to EU Directives 67/548/EEC or 1999/45/EC:

Hazard Symbols:

F Flammable

T Toxic

Risk phrases:

R7 May cause fire

R20/22 Harmful by inhalation and if swallowed.

R25 Toxic if swallowed

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Principal Components:</u>	Xanthan gum	Distillates, petroleum, hydrotreated light
<u>CAS Number:</u>	11138-66-2	64742-47-8
<u>EINECS EC Number:</u>	234-394-2	265-149-8
<u>Percentage:</u>	25-50%	50-75%
<u>Molecular Formula:</u>	(C35H49O29)n	Mixed Hydrocarbons

Non hazardous minor additives are not included in the list.

4. FIRST AID MEASURES

Always get medical attention after the first aid is over.

Emergency and First Aid Procedures:

Eyes - Flush with water for at least 15 minutes, raising and lowering eyelids occasionally. Get medical attention if irritation persists.

Skin - Thoroughly wash exposed area for at least 15 minutes. Remove contaminated clothing. Launder contaminated clothing before reuse. Get medical attention if irritation persists.

Ingestion - If swallowed, call a poison control centre or doctor immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.



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Inhalation - Remove to fresh air. Give oxygen if breathing is difficult; give artificial respiration if breathing has stopped. Get medical attention.

5. FIREFIGHTING PROCEDURES

NFPA Perceived: Distillates, petroleum, hydrotreated light is a Class IIIA combustible liquid.

Extinguisher Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction. Do not use a solid water stream as it may scatter and spread fire.

Auto-ignition Temperature: > 200 deg C (> 392.00 deg F)

Special Fire fighting Procedures: Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus. Keep containers and surroundings cool with water spray.

6. SPILL OR LEAK PROCEDURES

Personal precautions, protective equipment, environmental precautions and emergency procedures: Avoid breathing dust/fumes/gas/mist/vapors/spray. Use individual protective equipment (waterproof boots, suitable protective clothing, safety glasses, etc). Restrict unprotected personnel from the area. Prevent any contact with hot surfaces. Do not approach facing the wind. Do not touch the spilled material. Keep away from drains, surface and groundwater and soil.

Methods and materials used for containment Cleanup procedures and Storage: Contain spilled material. Cover with an inert, non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite), sweep up, and remove to an approved disposal container.

7. SPECIAL PRECAUTIONS

Precautions for safe handling: Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Wash thoroughly after handling. Do not drink, eat or smoke while handling. Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid breathing dust/fumes/gas/mist/vapors/spray. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Use individual protective equipment (waterproof boots, suitable protective clothing, safety glasses, etc). Prevent any contact with hot surfaces. Containers of this material may be hazardous when empty since they retain product residues.

Conditions for safe storage, including any incompatibilities: Store in cool, dry and ventilated area away from heat sources and protected from sunlight in tightly closed original container. Keep air contact to a minimum. Store protected from heat, sparks and ignition sources and incompatible materials. Avoid contact with skin and eyes. Avoid inhalation of dust/mist/vapor. Do not store with incompatible materials like *****. Containers of this material may be hazardous when empty since they retain product residues (dust, solids). Ensure all equipment is electrically grounded before beginning transfer operations.



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8. SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): None needed under normal conditions of use with adequate ventilation. NIOSH approved equipment should be worn if PELs are exceeded. Respiratory protection is normally not required except in emergencies or when conditions cause excessive airborne levels of mists or vapors.

Contains no substances with occupational exposure limit values., The following Sasol internal standard would apply: 100 ppm (525 mg/m³) for 8-hour TWA (Exposure limits for Petroleum Distillate - Stoddard Solvent)

Ventilation Local Exhaust: Yes

Eye Protection: Splash proof chemical safety goggles should be worn at all times.

Other Protective Clothing or Equipment: Lab apron, eye wash, and safety shower.

9. PHYSICAL DATA

Appearance and Odor: Clear to light yellow liquid material.

Odor: Characteristic hydrocarbon odor.

Odor threshold: Not available.

pH: Neutral

Relative density: : 0,7 to 0,9

Melting Point: < -68 °C, < -90 °F.

Boiling Point: 186 - 264 °C, 367 - 507 °F

Flash point: Average 62 °C, 143 °F; ASTM D 56

Auto-ignition Temperature: 223 °C, 434 °F

Decomposition temperature: Not available.

Upper/lower flammability or explosive limits: Upper explosion limit: 7.0 %(V).

Vapor pressure: Not available.

Vapor density: Not available.

Evaporation rate: Not available.

Flammability (solid, gas): Not available.

Partition coefficient: n-octanol/water: Not available.

Solubility in Water: Negligible.

Viscosity: Not available.

10. REACTIVITY DATA

Stability: It is stable

Conditions to Avoid: Heat, humidity, ignition source.

Incompatibility (Materials to Avoid): Strong oxidizing and reducing agents, Strong acids and bases.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide

Hazardous Polymerization: Will not occur



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11. TOXICITY DATA

Xanthan.

Toxicity Data:

LC50 Inhalation Dusts and mists Rat 21 mg/l 1 hours

LD50 Oral Mouse 20000 mg/kg -

LD50 Oral Rat 45000 mg/kg -

Distillates, petroleum, hydrotreated light.

Toxicity Data:

LD50 rabbit: > 2,000 mg/kg

LC50 rat (1 hours): > 24.1 mg/l

LC50 rat (4 hours): > 3.62 mg/l

LD50 rat: > 2,000 mg/kg

Carcinogenicity: This product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, NTP, ACGIH & OSHA.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

12. ECOLOGICAL DATA

Xanthan.

Toxicity to fish:

LC50 - Oncorhynchus mykiss (rainbow trout) - 320 - 560 mg/l - 96 h

Distillates, petroleum, hydrotreated light.

Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility.

Bioaccumulative potential: Does not bioaccumulate.

Avoid release into the environment. Runoff from fire control may cause pollution.

13. DISPOSAL INFORMATION

Waste Disposal Methods: Dispose in accordance with all applicable Federal, State and Local regulations.

14. TRANSPORT INFORMATION

DOT: Not regulated.

IMDG: Not regulated.

IATA: Not regulated.



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15. REGULATORY INFORMATION

USA Regulations:

SARA Section 302 Extremely Hazardous Substances: Not listed.

Section 313: No chemicals are reportable under Section 313.

California Proposition 65: Not listed.

16. ADDITIONAL INFORMATION

Prepared by AJK on 27 November 2019 - Printed on: 21 February 2020

Disclaimer:

The information and recommendations set forth herein are presented in good faith and believed correct as of the date the SDS was created. It is compiled from various sources and it is not necessarily all inclusive nor fully adequate in every circumstance. In addition, these suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements applicable. This SDS is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
