



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

Anionic FR Friction Reducer SDS, Safety Data Sheet
Material Safety Data Sheet, MSDS Sheet

1. PRODUCT DESCRIPTION

Product Name: Anionic FR

CAS Number: Mixture

Intended Use: 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

Skin Irritation; Category 2

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



Signal Words: Warning

Hazard statements:

H315: Causes skin irritation.

Precautionary statements:

P264: Wash hands thoroughly after handling.

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

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



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P332 + P313: If skin irritation occurs: Get medical advice/attention.
P362: Take off contaminated clothing.
P501: Dispose of contents/container as special waste in compliance with local and national regulations.

Other hazards which do not result in classification

Advice; Solutions extremely slippery when spilled.

Inhalation; Avoid breathing vapors or mist.

Skin; Causes skin irritation.

Eyes; May cause eye irritation.

Ingestion; May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Principal Components:	Anionic Polymers	Distillates, petroleum, hydrotreated light
CAS Number:	NA	64742-47-8
EINECS EC Number:	NA	265-149-8
Percentage:	25-50%	20-45%
Molecular Formula:	NA	Mixed Hydrocarbons

4. FIRST AID MEASURES

Always get medical attention after the first aid is over.

Emergency and First Aid Procedures:

Eyes - Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin - Wash off with plenty of water. Take off contaminated clothing and wash before reuse. If symptoms persist, call a physician.

Ingestion - Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Call a physician immediately.

Inhalation - Remove to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

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.



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6. SPILL OR LEAK PROCEDURES

Steps to be taken in Case the product is Released or Spilled: Ventilate area of leak or spill. Wear appropriate personal protective equipment. Avoid generating dusty conditions. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

7. SPECIAL PRECAUTIONS

Do not ingest. Do not breathe dust or mist. Wear suitable protective clothing. Wash hands thoroughly with soap and water after handling and before eating. Keep in a well closed container stored under cold to warm conditions, in a ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product. Ensure all equipment is electrically grounded before beginning transfer operations.

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: White liquid material with characteristic hydrocarbon odor.

Flash point: >215.6 deg F

Flammability: Upper explosion limit: 7.0 %(V)

pH: Neutral

Flash Point: NA

Auto ignition Temperature: 223 °C, 434 °F

Melting Point: NA

Boiling Point: NA

Density: 1.05 to 1.2 g/cm³

Solubility in Water: Complete, limited by viscosity

10. REACTIVITY DATA



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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

11. TOXICITY DATA

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

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 or dilution water 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.

15. REGULATORY INFORMATION



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USA Regulations:

Health & Safety Reporting List: None of the chemicals are on the Health & Safety Reporting OSHA: Combustible liquid.

SARA Section 302 Extremely Hazardous Substances: None of the chemicals in this product have a TPQ.

Section 313: No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA.

California Proposition 65: This product is not known to contain chemicals listed under Proposition 65.

STATE: Not present on state lists from CA, PA, MN, MA, FL, or NJ.

Canada:

WHMIS Product Classification: CAS# 64742-47-8 is Class B, Division 3: Combustible liquid.

16. ADDITIONAL INFORMATION

Prepared by AJK on 23 January 2017 - Printed on: 25 January 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.
