

**Acid Retarder SDS, Safety Data Sheet**  
**MSDS Sheet, Material Safety Data Sheet**

**SECTION 1. PRODUCT IDENTIFICATION**

Product Identity: Acid Retarder

Recommended uses and uses advised against (if any): Oil & Gas Exploration

**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**

**SECTION 2. HAZARDS IDENTIFICATION**

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

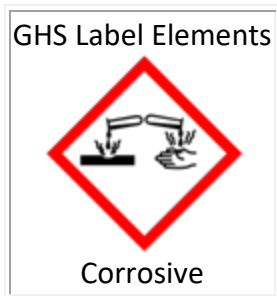
Acute aquatic toxicity (Category 1)

Skin corrosion/irritation (Category 2)

Serious eye damage (Category 1)

Hazardous to the aquatic environment, long-term hazard (Category 3)

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



**Signal Words: Danger**

**Hazard statements:**

H302: Harmful if swallowed

H315: Causes skin irritation.



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H318: Causes serious eye damage.  
H412: Very toxic to aquatic life with long lasting effects.

**Precautionary statements:**

P261: Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
P262: Do not get in eyes, on skin, or on clothing.  
P264 Wash skin thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P330: Rinse mouth.  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P302+P352: IF ON SKIN: Wash with soap and water.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P314: Get Medical advice/attention if you feel unwell.  
P337+P313: If eye irritation persists: Get medical advice/ attention.  
P391: Collect spillage.  
P501: Dispose of contents/ container to an approved waste disposal plant.

**Classification according to European Directive 67/548/EEC as amended:**

Hazard symbols:

Xn Harmful  
Xi Irritating  
C Corrosive

R-phrases:

R22 Harmful if swallowed.  
R41 Risk of serious damage to eyes.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Ingredient1:** Primary Surfactant – Not Hazardous

CAS Number: Confidential

Weight%: 50%

**Ingredient2:** Secondary Surfactant

CAS Number: 68584-24-7

Weight%: 10%

Trade Names and Synonyms: Iso-Propylamine salts of C10-16-alkyl benzenesulfonic acid

**Ingredient3:** Water and other non-haz ingredients

**SECTION 4. FIRST AID MEASURES**



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**Always consult a physician after the first aid is given.**

Eye Contact: Do not allow victim to rub eye (s). Let the eye (s) water naturally for a few minutes. If particle/dust does not dislodge, flush with lukewarm, gently flowing water for 5 minutes or until particle/dust is removed, while holding eyelid (s) open. If irritation persists, obtain medical attention. DO NOT attempt to manually remove anything stuck to the eye.

Skin Contact: Remove contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Quickly and gently blot or brush away excess chemical. Wash gently and thoroughly with lukewarm gently flowing water and non-abrasive soap for 5 minutes. If irritation persists, repeat flushing. Obtain medical advice. Completely decontaminate clothing, shoes and leather goods before reuse or else discard.

Inhalation: If symptoms are experienced, remove source of contamination or move victim to fresh air. Obtain medical advice.

Ingestion: Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Have victim rinse mouth thoroughly with water. DO NOT INDUCE VOMITING. Have victim drink 2 – 8 oz. (60 – 240 ml) of water.

## **SECTION 5. FIRE FIGHTING MEASURES**

Extinguishing Media: Use means of extinction appropriate for the surrounding fire conditions such as water fog, carbon dioxide, dry chemical, or foam. Do not use water jet as an extinguisher, as this will spread the fire.

Fire Fighting: Toxic fumes may result from combustion. As with any fire, fire fighters should be fully trained and wear full protective clothing including an approved, self-contained breathing apparatus which supplies a positive air pressure within a full face piece mask. Do not use water directly on material. Do not allow water run-off to enter sewers or watercourses. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Procedures for Cleanup: Stop release if possible to do so safely. Contain spill, isolate hazard area, and deny entry. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Place contaminated material in suitable, labeled containers for final disposal. Dispose of waste material consistent with the requirements of waste disposal authorities.

Personal Precautions: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Gloves and coveralls or other protective clothing are recommended for persons responding to an accidental release. Close-fitting safety goggles may be necessary in some circumstances to prevent eye contact.

Environmental Precautions: This product can pose a threat to the environment. Contamination of soil and water should be prevented. Keep spillage and runoff from storage areas from entering soil, streams or sewers.

## **SECTION 7. HANDLING AND STORAGE**

Precautions for safe handling: Do not taste or swallow. Avoid contact with skin. Avoid contact with eyes. Avoid contact with clothing.



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Conditions for safe storage, including any incompatibilities: Store in cool, dry, well-ventilated area away from incompatible substances. Protect from physical damage. Keep container closed when not in use. Avoid generating dust and the release of dust into the workplace. Good housekeeping is important to prevent accumulations of dust. Always practice good personal hygiene. Refrain from eating, drinking, or smoking in work areas.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits: No exposure limits noted for ingredient(s).

Protective Clothing: Where there is large scale use of this material and significant potential for worker contact, gloves and long sleeved work clothes or disposable coveralls may be necessary. Eye protection should be worn where dust is generated and there is a potential that eye contact may occur.

Ventilation: Use adequate local or general ventilation where necessary to maintain the concentrations of dust well below the recommended occupational exposure limits for general Particulates, Not Otherwise Specified (PNOS).

Respirators: Where dust or fumes are generated and cannot be controlled to within acceptable levels by engineering means, use appropriate NIOSH-approved respiratory protection equipment.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light Yellow Liquid

Odor: Mild

Odor threshold: Not available.

pH: 4 to 8

Relative density: 1 to 1.1.

Melting point/freezing point: Not available.

Initial boiling point and boiling range: Not available.

Flash point: Not available.

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

Upper/lower flammability or explosive limits: Not available.

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: Soluble in water.

Viscosity: Not available.

## SECTION 10. STABILITY AND REACTIVITY

Stability and Reactivity: Stable and not considered reactive under normal temperatures and pressures. Hazardous polymerization or runaway reactions will not occur.



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Incompatibilities: Strong oxidizing agents. This product may react with strong alkalies. Avoid excessive heating that may lead to decomposition of the material.

Hazardous Decomposition Products: High temperature operations such as oxy-acetylene cutting, electric arc welding or severe overheating will generate toxic fumes. Under such conditions, Carbon dioxide, carbon monoxide, oxides of sulfur and nitrogen will also be generated and can cause respiratory distress.

## SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity (Oral LD50): Not known.

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

Mutagenic Effects: Not available.

Teratogenic Effects: Not available.

Developmental Toxicity: Not available.

Reproductive Effects: No information available.

## SECTION 12. ECOLOGICAL INFORMATION

Eco toxicological data for Primary Surfactant:

Toxicity to fish: LC50: > 1 - 10 mg/l Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates: EC50: > 1 - 10 mg/l Exposure time: 48 h

Eco toxicological data for Secondary Surfactant:

EC50 Algae 50 - 100 mg/l, 72 hours

EC50 Daphnia 6.9 mg/l, 48 hours

LC50 Fish 1.18 - 6.5 mg/l, 96 hours

Persistence and Degradability: The material will readily biodegrade.

Mobility: Likely to be mobile due to its solubility.

## SECTION 13. DISPOSAL CONSIDERATIONS

Do not wash the material down drain. Put uncontaminated material back into the process if at all possible. Place contaminated material in suitable, labeled containers for disposal. Dispose of waste material consistent with the requirements of waste disposal authorities.

## SECTION 14. TRANSPORT INFORMATION

DOT Classification: Not a DOT controlled material (United States).

UN Number: 3082

UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Alkylbenzenesulfonates)

Transport hazard class(es): 9; Packaging group: III



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## SECTION 15. REGULATORY INFORMATION

### **USA Regulations:**

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : SARA 302: Not listed.

SARA 313 : SARA 313: Not listed.

## SECTION 16 - ADDITIONAL INFORMATION

**Prepared by AJK on 27 November 2019 - Printed on: 18 January 2020**

*DISCLAIMER: The information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed correct as of the date hereof. 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 MSDS sheet 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.*