

Hydrogen Sulfide Scavenger No-Sulf 74 SDS, Safety Data Sheet MSDS Sheet, Material Safety Data Sheet

1. Product Identification

Product Name/Synonyms: Hydrogen Sulfide Scavenger , No-Sulf 74

CAS No.: Mixture

Molecular Weight: It is a mixture

Chemical Formula: NA

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. Hazards Identification

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

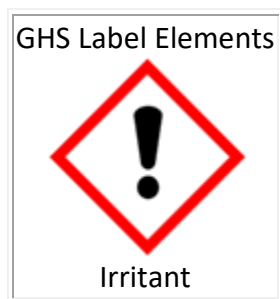
Acute toxicity, oral Category 4

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2A

Acute toxicity, inhalation Category 4

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



Signal Words: Warning



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Hazard statements:

- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H332: Harmful if inhaled.

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.
- P271: Use only outdoors or in a well-ventilated area.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P312: Call a POISON CENTER or doctor/physician if you feel unwell.
- P330: Rinse mouth.
- P362: Take off contaminated clothing and wash before reuse.
- P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P301+P312: SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P302+P352-IF ON SKIN: Wash with plenty of soap and water.
- P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- P332+P313: If skin irritation or a rash occurs: Get medical advice/attention.
- P337+P313: If eye irritation persists: Get medical advice/ attention.
- P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

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

Hazard Symbols:

- Xn Harmful
- Xi Irritant

Risk Phrases:

- R20/22 Harmful by inhalation and if swallowed
- R36/37/38 Irritating to eyes, respiratory system and skin

3. Composition/Information on Ingredients

Ingredient: : Blend of Triazine, Water & Surfactants

Identification of Hazardous Components:

Ingredient: Hexahydro-1,3,5-tris (hydroxyethyl)-S-triazine
CAS Number: 4719-04-4



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EC EINECS: 225-208-0

%Concentration: 40% – 74%

Composition/specific chemical identities of non-hazardous ingredients are withheld as a trade secret under the provisions of OSHA hazard communication standard 29 CFR 1910.1200

4. First Aid Measures

Always seek medical attention after first aid measures are provided.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Never give anything by mouth to an unconscious person. Get medical attention.

Skin Contact: Wipe off excess material from skin then immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Note to Physician: Symptomatic and supportive treatment is recommended.

5. Fire Fighting Measures

Auto-Ignition Temperature: NA.

Flash Points: NA.

Flammable Limits: NA.

Products of Combustion: Not available.

Explosion: Not considered to be an explosion hazard.

Fire Extinguishing Media: CO2, foam, dry chemicals. NOT RECOMMENDED: Do not use direct water jet on burning material.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Containers can build up pressure if exposed to heat (fire). As in any fire, wear a self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Apply alcohol-type foam or all purpose foam manufacturers recommended techniques for large fires. Use carbon dioxide or dry chemical for small fires. Use water spray to keep containers cool.

6. Accidental Release Measures

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.

Small Spill: Avoid breathing mist. Ensure adequate ventilation. Use appropriate tools to put the spilled material in a convenient waste disposal container. Dispose of according to local and regional authority requirements.

Large Spill: Contain spilled material. Cover with an inert, non-combustible, inorganic absorbent material, or sweep up, and remove to an approved disposal container. Do not let the product enter drains. Use a shovel to put the material into a convenient waste disposal container.

7. Handling and Storage

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. In case of insufficient ventilation, wear suitable respiratory equipment. 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 strong acids, alkali or oxidizing agents. Keep away from ignition sources & flame.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits: None established.

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Respirators (NIOSH Approved): For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator.

Skin Protection: Wear protective gloves and clean body-covering clothing.

Eye Protection: Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Other Control Measures: Maintain good housekeeping in work area. Dust deposits on floors and other



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surfaces may pick up moisture and cause the surfaces to become slippery and present safety hazards. Handle in accordance with good industrial hygiene and safety practice. Wash hands after handling.

9. Physical and Chemical Properties

Appearance: Hydrogen Sulfide Scavenger No-Sulf 74 is colorless to yellow.

Odor: Characteristic.

Odor threshold: Not available.

pH: 5.0 - 9 at 10% solution at 25C (77F)

Relative density: 1.100 to 1.116.

Boiling Point: > 212F

Melting Point: <50F.

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: It is soluble in water.

Viscosity: Not available.

10. Stability and Reactivity

Stability: It is stable under ordinary conditions of use and storage. Avoid contact with strong acids, alkali or oxidizing agents..

Hazardous Decomposition Products: It emits toxic fumes and carbon monoxide when heated to decomposition. It may form carbon dioxide and formaldehyde at elevated temperatures.

Hazardous Polymerization: Will not occur.

Incompatibilities: Avoid contact with strong acids, alkali or oxidizing agents.

Conditions to Avoid: Incompatibles.

11. Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals: LD50: ORAL/RAT (mg/Kg): 535. LD 50 DERMAL/RABBIT (mg/Kg): >2000.

Special Remarks on Toxicity to Animals: Not available.

Carcinogenic Effects: Not available.

Mutagenic Effects: Not available.



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Teratogenic Effects: Not available.
Developmental Toxicity: Not available.

12. Ecological Information

Environmental Fate: Based on available information the product will not bio accumulate.

Environmental Toxicity: Do not apply directly to water or wetlands. Do not contaminate water when disposing of equipment wash waters.

LC50 (bluegill sunfish, adult) - 44.8 mg/l

LC50 (bluegill sunfish, Fingerlings) - 27 mg/l

LC50 (rainbow trout) - 67.3 mg/l.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with law.

14. Transport Information

DOT USA & ADR/RID: Not Regulated

IMO: Not Regulated

IATA & AFI: Not Regulated.

15. Regulatory Information

USA SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels.

Section 16 - Additional Information

European Labeling in Accordance with EC Directives

H302 = Harmful if swallowed.

H315 = Causes skin irritation.

H319 = Causes serious eye irritation.

H332 = Harmful if inhaled.

Xn = Harmful

Xi = Irritant



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R36/37/38 Irritating to eyes, respiratory system and skin

Prepared by AJK on 27 November 2019 - Printed on: 18 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.
