
Clay Stabilizer SDS, Safety Data Sheet
MSDS Sheet, Material Safety Data Sheet

1. Product Identification

Product Name/Synonyms: Clay Stabilizer; Clay Ste ADV

CAS No.: Mixture

Molecular Weight: It is a mixture

Chemical Formula: NA

Recommended uses and uses advised against (if any): Oil well fracturing and Industrial use.

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

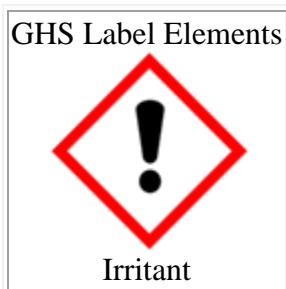
Acute toxicity, Oral Category 5

Skin irritation Category 2

Eye irritation Category 2A

Specific target organ toxicity – single exposure, Respiratory system Category 3

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



Signal Words: Warning

Hazard statements:

H303: May be harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.
H335: May cause respiratory irritation.

Precautionary statements:

P262: Do not get in eyes, on skin, or on clothing.
P264: Wash skin thoroughly after handling.
P 270: Do not eat, drink or smoke when using this product.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P330: Rinse mouth.
P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352: IF ON SKIN: Wash with 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+313: If skin irritation occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/ attention.
P360: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P362: Take off contaminated clothing and wash before reuse.
P501: Dispose of contents/container to authorised agents.

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

Hazard Symbols:

Xi Irritant
Xn Harmful

Risk Phrases:

R22 Harmful if swallowed
R: 36/37/38, Risk Phrase: Irritating to eyes, respiratory system and skin..

3. Composition/Information on Ingredients

None of the components of this product are hazardous.

Ingredient: : Blend of Choline Chloride and Monovalent, Divalent and TriValent Salts.

Composition/specific chemical identities 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: Do not get in eyes, on skin, or on clothing. Avoid breathing dust/mist/vapors. Wear protective gloves/protective clothing/eye protection/face protection.

Methods and materials used for containment Cleanup procedures and Storage:

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: For liquids, absorb with inert material and use a shovel to put the material into a convenient waste disposal container. Provide ventilation. Avoid breathing dust. 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: Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

Conditions for safe storage, including any incompatibilities: Keep in a tightly closed container, stored in a cool, dry, ventilated area, away from heat and oxidizing agents. Protect against physical damage. Isolate from incompatible substances like strong oxidizing agents and acids. Containers may be hazardous when empty since they retain product residues (dust, solids);

observe all warnings and precautions listed for the product. Keep away from ignition sources and 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 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: Clay Stabilizer is colorless to yellow.

Odor: Characteristic.

Odor threshold: Not available.

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

Relative density: 1.05 to 1.1

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 hydrogen chloride 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: Not available. LC50: Not available.

Special Remarks on Toxicity to Animals: Not available.

Carcinogenic Effects: Not available.

Mutagenic Effects: Not available.

Teratogenic Effects: Not available.

Developmental Toxicity: Not available.

Acute Potential Health Effects:

12. Ecological Information

Environmental Toxicity: The material is not considered as environmental hazard.

Persistence and Degradability: Based on available information the product will not bioaccumulate.

Mobility: Likely to be mobile.

Bioaccumulation/ Accumulation: Unlikely to accumulate.

Results of PBT and vPvB assessment: No data available for assessment.

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 federal, state and local requirements. Small amounts of this material may be suitable for sanitary sewer or trash disposal.

14. Transport Information

DOT: Not regulated as dangerous goods.

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

15. Regulatory Information

USA:

OSHA Hazards: None

SARA 313 Components: This material does not contain any chemical components with known



CAS numbers that exceed the threshold reporting levels.

Protective Equipment: Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16 - Additional Information

European Labeling in Accordance with EC Directives

H303 = May be harmful if swallowed.

H315 = Causes skin irritation.

H319 = Causes serious eye irritation.

H335 = May cause respiratory irritation.

Xi = Irritant

R22 Harmful if swallowed. R36 = Irritating to eyes.

Prepared by AJK on 27 November 2019 - Printed on: 20 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.
