

FinomUL SDD-BC SDS, Safety Data Sheet
MSDS Sheet, Material Safety Data Sheet

1. Product Identification

CAS No.: Mixture

Molecular Weight: NA

Molecular Formula: NA

Recommended uses and uses advised against (if any): Emulsion Breaker for Recovered Crude Oil (Slop Oil)

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

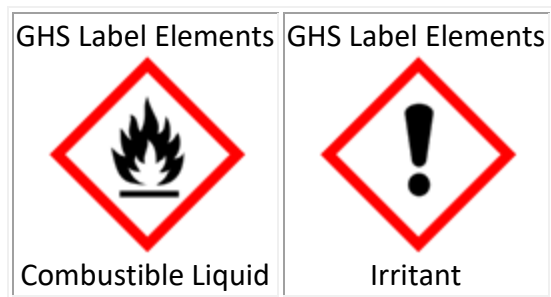
**GHS, Globally Harmonized System Classification in accordance with 29 CFR 1910
Classification according to Regulation (EC) No 1272/2008**

Flammable liquids (Category 3), H226

Eye irritation (Category 2), H319

Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336

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



Signal Words (GHS-US): Danger

Hazard statements (GHS-US):

H226: Flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Precautionary statements (GHS-US):

P210: Keep away from heat, sparks, open flames, hot surfaces. - No smoking.

P233: Keep container tightly closed.

P260: Do not breathe mist, vapors, spray.

P264: Wash exposed 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 clothing, protective gloves, eye protection, face protection.

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+352: IF ON SKIN: Wash with soap and water.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing.

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.

P333+313: If skin irritation or a rash occurs: Get medical advice/attention.

P337+ P313 If eye irritation persists: Get medical advice/ attention.

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

P360: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

P362: Take off contaminated clothing and wash before reuse.

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

P405: Store locked up.

P501: Dispose of contents/container to comply with local, state and federal regulations.

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

Hazard Symbols:

F Flammable

Xi Irritant

Risk Phrases:

R 10 Flammable.

R36/38 Irritating to eyes and skin

R 42 May cause sensitization by inhalation.

R67 Vapors may cause drowsiness and dizziness.



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3. Composition/Information on Ingredients

Ingredient: Isopropyl alcohol

CAS No.: 67-63-0 (EC Number 200-661-7, FEMA Number 2929, Molecular Formula (CH₃)₂CHOH, Molecular Weight 60.10)

Percent: 30 - 50%

The balance is water and Non-hazardous ingredients. 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.

5. Fire Fighting Measures

Flammability of the Product: Flammable liquid.

Auto-Ignition Temperature: NA

Flash Points: NA

Products of Combustion: Carbon dioxide, Carbon monoxide, fumes.

Fire: Flammable in the presence of open flame.

Explosion: Explosive in presence of heat.

Fire Extinguishing Media: Use means suitable for extinguishing surrounding fire. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use water spray to cool unopened containers.

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. At high temperatures or when moistened under fire conditions, it may produce toxic or irritating fumes.

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:

Small Spill: Avoid dust/mist formation. Avoid breathing dust/mist. Ensure adequate ventilation. Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Contain spilled material. Avoid touching the spilled material. Do not let the product enter drains. Cover with an inert, non-combustible, sweep up, and remove to an approved disposal container. Do not contaminate the environment.

7. Handling and Storage

Do not ingest. Do not breathe dust/mist. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment.

Avoid contact with skin and eyes. Avoid formation of dust/mist and aerosols. Wash hands thoroughly after handling. Provide appropriate exhaust ventilation at places where dust is formed. If you feel unwell, seek medical attention.

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Keep away from heat and flame.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

Control parameters for Isopropyl Alcohol (2-Propanol) (67-63-0):

ACGIH --- ACGIH TWA (ppm) ----- 200 ppm

ACGIH --- ACGIH STEL (ppm) ----- 200 ppm

OSHA ---- OSHA PEL (TWA) (mg/m³) -- 980 mg/m³

OSHA ---- OSHA PEL (TWA) (ppm) ----- 400 ppm

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. Handle in accordance with good industrial hygiene and safety practice. Wash hands after handling.

9. Physical and Chemical Properties

Appearance: Clear Brown liquid.

Odor: It has typical alcohol-like odor.

Odor threshold: Not available.

pH: 6-10

Relative density: 0.96

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: Miscible in water.

Viscosity: Not available.

10. Stability and Reactivity

Stability: It is stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: It emits Carbon dioxide, Carbon monoxide & Fumes.

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong oxidizing agents, reducing agents, strong acids & bases, moisture, heat and light.

Conditions to Avoid: Incompatibles, heat, flames and sparks. Extremes of temperature and direct sunlight.

11. Toxicological Information

Harmful if inhaled or swallowed. Irritating to skin.

Toxicity data for Isopropyl Alcohol:

LD50 Oral - Rat - 5,045 mg/kg(2-Propanol)

LC50 Inhalation - Rat - 8 h - 16000 ppm(2-Propanol)

LD50 Dermal - Rabbit - 12,800 mg/kg(2-Propanol)

Carcinogenic Effects: Not classifiable as to its carcinogenicity to humans.

Mutagenic Effects: Not available.

Teratogenic Effects: Not available.

Developmental Toxicity: Not available.

Additional Information: Central nervous system depression, prolonged or repeated exposure can cause;



Nausea, Headache, Vomiting, narcosis, Drowsiness, Overexposure may cause mild, reversible liver effects., Aspiration may lead to:, Lung oedema, Pneumonia(2-Propanol)
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.(2-Propanol)

12. Ecological Information

Toxicity data for Isopropyl Alcohol:

Toxicity to fish: LC50 - Pimephales promelas (fathead minnow) - 9,640.00 mg/l - 96 h(2-Propanol)

Toxicity to daphnia and other aquatic invertebrates:

EC50 - Daphnia magna (Water flea) - 5,102.00 mg/l - 24 h(2-Propanol)

Immobilization EC50 - Daphnia magna (Water flea) - 6,851 mg/l - 24 h(2-Propanol)

Toxicity to algae:

EC50 - Desmodesmus subspicatus (green algae) - > 2,000.00 mg/l - 72 h(2-Propanol)

EC50 - Algae - > 1,000.00 mg/l - 24 h(2-Propanol)

Environmental Fate: No bioaccumulation is to be expected.

Results of PBT and vPvB assessment: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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.

14. Transport Information

US DOT Classification: UN 1993; Class 3; Flammable liquids, n.o.s.

15. Regulatory Information

USA:

SARA 311/312 Hazardous Categorization: Acute Health Hazard, Fire Hazard.

Clean Water Act: Not applicable

Clean Air Act: Not applicable

OSHA Occupational Safety and Health Administration: Not applicable

California Proposition 65: This product does not contain any Proposition 65 chemicals

Section 16 - Additional Information



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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.
