

FINASOL OSR 52 IBC

Safety Data Sheet

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Section 1: Identification

1.1. Product identifier

Product form : Mixture
Product Identifier(s) : FINASOL OSR 52 IBC

1.2. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Dispersant

1.3. Details of the supplier of the safety data sheet

TotalEnergies Petrochemicals & Refining USA, Inc.
P O Box 674411
Houston, TX 77267-4411

For non-emergency product information:
Phone: 713-483-5000
Email: product.stewardship@totalenergies.com

1.4. Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300 (Toll Free USA & Canada) / 703-527-3887 (Multiple languages)
TotalEnergies Petrochemicals & Refining USA, Inc.: 1-800-322-3462 (Language: English only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 1

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS-US)



Signal word (GHS US)

: Danger

Hazard statements (GHS-US)

: Causes skin irritation
Causes serious eye damage

Precautionary statements (GHS-US)

: Wash hands, forearms and face thoroughly after handling.
Wear eye protection, face protection, impermeable protective gloves.
If on skin: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a poison center or doctor.
Specific treatment (see Section 4.1 of SDS or information on this label).
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

2.3. Hazards not otherwise classified

Other hazards which do not result in classification

: Repeated exposure may cause skin dryness or cracking.

2.4. Unknown acute toxicity (GHS-US)

Not applicable

2.5. Additional information

No additional information available

Section 3: Composition/Information on ingredients

3.1. Substance

Not applicable

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3.2. Mixture

Where concentration of substances listed for this product are given in ranges, the exact percentage is being withheld as a trade secret.

Name	CAS-No.	%
Petroleum distillates, hydrotreated light (not contributing to the hazard classification)	64742-47-8	10 - 25
Diocetyl sodium sulfosuccinate	577-11-7	10 - 25
(2-methoxymethylethoxy)propanol (not contributing to the hazard classification)	34590-94-8	10 - 25

Non-ionic surfactants: > 30%

Anionic surfactants: 15 - 30%

Section 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Get medical advice/attention. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing stops, give artificial respiration.
- First-aid measures after skin contact : Get medical advice/attention. Remove immediately contaminated clothing. Wash with plenty of soap and water.
- First-aid measures after eye contact : Get medical advice/attention. Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- First-aid measures after ingestion : Get medical advice/attention. Rinse mouth out with water. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects after skin contact : Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
- Symptoms/effects after eye contact : Causes serious eye damage.
- Symptoms/effects after ingestion : Abdominal pain, nausea.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Dry chemical. Carbon dioxide. Water spray or fog. Foam.
- Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the chemical

- Fire hazard : Not expected to be a fire/explosion hazard under normal conditions of use.
- Explosion hazard : Not expected to be a fire/explosion hazard under normal conditions of use.
- Hazardous decomposition products in case of fire : Carbon oxides (CO, CO₂). Aldehydes. Soot.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Emergency procedures for non-emergency personnel : Evacuate area.
- Emergency procedures for emergency responders : Ventilate area. Stop leak if safe to do so.

6.2. Methods and material for containment and cleaning up

- For containment : Do not allow material to contaminate ground water system.
- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.3. Reference to other sections

See section 8. Exposure controls/personal protection.

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Section 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist, spray, vapors.

Hygiene measures : Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : heat sources, ignition sources. Keep container tightly closed.

Incompatible products : Strong acids. Strong oxidizing agents.

Section 8: Exposure controls/personal protection

8.1. Occupational Exposure Limits

The following constituents are the only constituents of the product which have a PEL, TLV, or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

None

8.2. Exposure controls

Appropriate engineering controls : Ensure adequate ventilation. Provide readily accessible eye wash stations and safety showers.

Hand protection : Impermeable protective gloves. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Replace gloves immediately when torn or any change in appearance (dimension, color, flexibility, etc.) is noticed.

Eye protection : Chemical goggles or safety glasses.

Skin and body protection : Wear adequate protective clothing which covers any exposed parts of the body. Chemical resistant safety shoes.

Respiratory protection : Ensure good ventilation of the work station.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : light yellow.
Odor : Petroleum distillates.
Odor threshold : No data available
pH : 9 – 10.5
Relative evaporation rate (butyl acetate=1) : No data available
Melting point : No data available
Freezing point : No data available
Initial boiling point and boiling range : > 150 °C
Flash point : 98 °C ASTM D 93
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability : No data available
Vapor pressure : 40 hPa at 37.8°C
Relative vapor density at 20°C : No data available
Relative density : 1.004
Density : 1.004 g/cm³
Solubility : Soluble in water.
Partition coefficient n-octanol/water (Log Kow) : No data available
Viscosity, kinematic : 32 mm²/s
Viscosity, dynamic : No data available
Explosion limits : No data available

9.2. Other information

No additional information available

Section 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

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10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat. Open flame. Sparks.

10.5. Incompatible materials

Strong acids. Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure : Ingestion. Inhalation. Skin and eye contact.

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Petroleum distillates, hydrotreated light (64742-47-8)	
LD50 oral rat	> 5000 mg/kg (Source: IUCLID)
LD50 dermal rabbit	> 2000 mg/kg (Source: NLM_CIP)
LC50 inhalation rat	> 5.2 mg/l/4h

Diethyl sodium sulfosuccinate (577-11-7)	
LD50 oral rat	3080 mg/kg (Source: EPA HPV)
LD50 dermal rabbit	> 10000 mg/kg (Source: CHEMVIEW)

(2-methoxymethylethoxy)propanol (34590-94-8)	
LD50 oral rat	5.35 g/kg (Source: NLM HSDB)
LD50 dermal rabbit	9500 mg/kg (Source: NLM_CIP)
LC50 inhalation rat	5.1 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye damage.

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

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Section 12: Ecological information

12.1. Toxicity

Ecology - general

: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Diethyl sodium sulfosuccinate (577-11-7)	
LC50 - Fish [1]	20 – 40 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: EPA)
EC50 - Crustacea [1]	36 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	< 24 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA)
Petroleum distillates, hydrotreated light (64742-47-8)	
LC50 - Fish [1]	45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: IUCLID)
EC50 - Other aquatic organisms [1]	> 1000 mg/l (Exposure time: 72 h - Species: Algae - Pseudokirchnerella subcapitata Source: OECD 201)
LC50 - Fish [2]	2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)
(2-methoxymethylethoxy)propanol (34590-94-8)	
LC50 - Other aquatic organisms [1]	1919 (Exposure time: 48 h - Species: Daphnia - Daphnia Magna)

12.2. Persistence and degradability

Diethyl sodium sulfosuccinate (577-11-7)	
Persistence and degradability	Not readily biodegradable.
Petroleum distillates, hydrotreated light (64742-47-8)	
Persistence and degradability	Readily biodegradable. 69% - 28 days (OECD 301F).
(2-methoxymethylethoxy)propanol (34590-94-8)	
Persistence and degradability	Readily biodegradable.

12.3. Bioaccumulative potential

Diethyl sodium sulfosuccinate (577-11-7)	
BCF - Fish [1]	3.47 – 3.78
BCF - Fish [2]	9.33
Petroleum distillates, hydrotreated light (64742-47-8)	
BCF - Fish [1]	61 – 159
Partition coefficient n-octanol/water (Log Kow)	> 4 (high)

12.4. Mobility in soil

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Mobility in soil	No known significant effects or critical hazards. Given its physical and chemical characteristics, the product is generally mobile in the ground

12.5. Other adverse effects

No additional information available

Section 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents and container in accordance with all local, regional, national and international regulations.

Ecology - waste materials : Avoid release to the environment.

Section 14: Transport information

US Transport (DOT) for Bulk Shipments (Non-Bulk Shipments May Differ)

Not regulated by US DOT

Transport by sea (IMDG)

Not regulated by IMDG

Air transport (IATA)

Not regulated by IATA

Section 15: Regulatory information

15.1. US Federal regulations

EPA TSCA Status

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All components of this product are listed or exempt from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) Active inventory. This product has no special requirements under TSCA, such as significant new use rules (SNUR), consent orders, test rules, or sections 4, 5, 6, 8(a), 8(d), 12(b) requirements.

SARA Section 313 Supplier Notification

This product contains no toxic chemicals in excess of the applicable de minimis concentration that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

SARA Section 311/312 Hazard Classes

Health hazard - Serious eye damage or eye irritation
Health hazard - Skin corrosion or Irritation
Health hazard - Hazard Not Otherwise Classified (HNOC)

15.2. International regulations

CANADA

No additional information available

National inventories

AICS (Australian Inventory of Chemical Substances)

DSL (Canadian Domestic Substances List)

IECSC (China Inventory of Existing Chemical Substances)

EINECS (European Inventory of Existing Commercial Chemical Substances)

ENCS (Japanese Existing & New Chemical Substances Inventory)

KECI (Chemical Inventory of Korea)

NZIoC (New Zealand Inventory of Chemicals)

PICCS (Philippines Inventory of Chemicals and Chemical Substances)

TCSI (Taiwan Chemical Substance Inventory)

All components are listed or exempted

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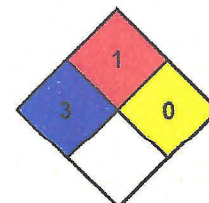
15.3. US State regulations

California Proposition 65 - To the best of our knowledge, there are no Proposition 65 chemicals present in this product at levels that would require warning under the California Safe Drinking Water and Toxic Enforcement Act.

Section 16: Other information

NFPA (National Fire Protection Association)

NFPA health hazard : 3
NFPA fire hazard : 1
NFPA reactivity : 0



Hazard System Rating

Health : 3
Flammability : 1
Physical Hazard : 0
Personal protection : See section 8 of SDS

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US OSHA LABEL as specified under 29 CFR §1910.1200 (f). The label shown may include supplemental information in addition to required elements.

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TotalEnergies Petrochemicals & Refining USA, Inc.
PO Box 674411
Houston, TX 77267-4411 USA
Tel. 713-483-5000



Danger

Causes skin irritation

Causes serious eye damage

Wash hands, forearms and face thoroughly after handling.

Wear eye protection, face protection, impermeable protective gloves.

If on skin: Wash with plenty of water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center or doctor.

Specific treatment (see Section 4.1 of SDS or information on this label).

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

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