

Material Safety Data Sheet

PRODUCT	DESCRIPTION
Fit-Pure 454	RO Scale Inhibitor

Issue Date:02/05/2023	Revision 14	MSDS No.516 -146
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Section 1 - Chemical Product and Company Identification

HS Code	38084000
CAS No.	122-19-0
Safety Category	Non-Hazardous
IMDG Class	Non-Hazardous

Manufacturer/Suppliers Information

Organix FZE
 UAQ - United Arab Emirates
 Email: info@nikor-watertech.com www.NIKOR-WaterTech.com

Section 2 - Composition / Information on Ingredients

Component	Cas No.	% by weight
HEDP	2809-21-4	45%
Non Hazardous Mixture	NA	45%

Section 3 – Hazard Identification

Product unlikely to produce any harmful fumes at normal temperatures
 Under normal conditions of use , this product is not expected to create any unusual emergency hazards
 Skin – May cause slight irritation
 Swallowed – If allowed the product is unlikely to cause any serious effects
 Primary Routes of Entry (Exposure) . Irritating to eyes and skin with direct contact

Section 4 – First Aid Measures

First Aid: Inhalation

Remove to fresh air.

First Aid: Skin

Wash exposed skin with soap and water. If irritation develops or persists, seek medical care

First Aid: Ingestion

Product is not intended to be ingested or eaten. Small quantities unlikely to be harmful. Rinse mouth with clean water, then give water or milk to drink. If this product is ingested more slight irritation of the gastrointestinal (GI) tract may occur, and should be treated symptomatically. Seek medical attention.

First Aid: Eyes

Flush eyes with large amounts of water for 5-15 minutes. If irritation develops seek medical care

Section 5 - Fire Fighting Measures

Flash Point: NA

Suitable extinguishing media ; dry chemical , Carbon dioxide (CO₂), Foam , water spray for large fires.

Upper Flammable Limit (UFL): Not applicable Lower Flammable Limit (LFL): Not applicable

Auto Ignition: Not determined Flammability Classification: Not determined

Rate of Burning: Not applicable

General Fire Hazards

There is no potential for spontaneous fire or explosion.

Extinguishing Media :Carbon dioxide, water spray, dry chemical National

Fire Fighting Equipment/Instructions: Use full bunker gear including approved breathing apparatus.

Section 6 - Accidental Release Measures Containment Procedures

Get medical attention . Do not induce vomiting unless directed to do so by medical professional.

Spill and Leak Procedures :Maintain an open air way. Evacuate non-emergency personnel. Isolate the area and prevent access. Remove ignition sources . Notify the management . Control source of leak . Ventilate. Contain the spill to prevent spread in to drains, sewers , water supplies or soil.

Clean-Up Procedures :Comply local regulations for disposal of these products. If you are unsure of the regulations, contact your local Public Health Department, or the local office of the Environmental Protection Agency .

Section 7 - Handling and Storage

Handling Procedures

Use adequate ventilation and maintain less than 100°C

Storage Procedures

Store under shade or covered roof and maintain proper ventilation .

Storage Temperature 5°C to 40°C

Section 8 - Exposure Controls / Personal Protection

Exposure Guidelines

A: General Product Information No additional information available.

B: Component Exposure Limits ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Wear safety glasses with side shields to protect from the risk of splash.

Personal Protective Equipment: Skin

Leather or cotton gloves are optional .Avoid direct skin contact . Depending on the conditions of use , cover as much of the exposed skin area as possible with appropriate clothing to prevent skin contact .

Personal Protective Equipment: Respiratory

Appropriate dust mask can be used if product dust is airborne. If product is heated, a NIOSH approved mask, may be necessary to prevent exposure to vapors or fumes.

Ventilation The need for ventilation systems should be evaluated by a professional industrial hygienist, while the design of specific ventilation systems should be conducted by a professional engineer.

Personal Protective Equipment: General , No additional information available.

Section 9 - Physical & Chemical Properties

Appearance: Pale Yellow

Physical State: Liquid **pH of Concentrate :**4

Specific Gravity 1.21

Vapor Pressure: As water **Vapor Density:** As water

Boiling Point: Aprox 100°C **Solubility in Water :** Complete

Freezing Point: Below 0°C **Volatile by Volume** :≥ 60 %

Evaporation Rate: As water

Section 10 - Chemical Stability & Reactivity Information

Chemical Stability

This is a stable material.

Incompatibility

None known

Hazardous Decomposition

NA.

Hazardous Polymerization

Will not occur

Section 11 - Toxicological Information

Acute Toxicity

Not established

Carcinogenicity

A: General Product Information

The Occupational Safety and Health Administration (OSHA), National Toxicology Program (NTP), International Agency for Research on Cancer (IARC), and American Conference of Governmental Industrial Hygienists (ACGIH) have not classified this product as a carcinogen.

B: Component Carcinogenicity None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Chronic Toxicity :None known

Repeated dose of toxicity

No Teratogenic affects observed at doses tested .

Section 12 - Ecological Information

Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components

No CFC's are contained in the product . No Ecological effects degradable

Section 13 - Disposal Considerations

A: Waste Disposal Method

Comply with local Authority and National regulations for disposal. If you are unsure of the regulations, contact your local Public Health Department, or the local office of the local environmental control authority.

B: Empty Container Disposal

According to Local, State, Federal, and Provincial Environmental Regulations

Section 14 - Transportation Information

International Transportation Regulations

General non hazardous material transportation rules apply for sea, air, rail and road

Section 15 - Regulatory Information

Labelling

No labelling required for articles under Chemicals (Hazard Information and Packaging for Supply) regulations

Risk Assessment

The information contained in this Safety Data Sheet does not constitute a risk assessment of work activity or workplace , as required by the Management of Health & Safety at Work Regulations or the Control of Substances Hazardous to Health Regulations

Section 16 – Other Information

Applicability

The information contained in this MSDS is based on current knowledge and accordance with the chemical regulations. This product does not contain nor is it manufactured with ozone depleting substances.

Disclaimer

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This information is furnished without warranty , expressed or implied