

SCALIN 0123S10

Safety Data Sheet

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Version: #1

SECTION 1: Identification

1.1. Identification

Product form : Mixtures/liquid blend
Product name : SCALIN 0123S10
Product code : SI-0123

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Oil & Gas sector / Water treatment.
Restrictions on use : Not for food, drug or household use.

1.3. Supplier

FARSA Group Ltd
Sales@farsagroup.az

1.4. Emergency contacts

Emergency number : +994512707856

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

Classification

Corrosive to metals Category 1 : H290 May be corrosive to metals
Skin corrosion/irritation Category 1B : H314 Causes severe skin burns and eye damage
Serious eye damage/eye irritation Category 1 : H318 Causes serious eye damage

2.2. Label elements

Hazard pictogram(s) :



Signal word :

Hazard statement(s) :

Precautionary statement(s) :

- : Danger
- : H290 - May be corrosive to metals
- : H314 - Causes severe skin burns and eye damage
- : P234 - Keep only in original container. P260 - Do not breathe mist, vapors, spray.
- : P264 - Wash exposed skin thoroughly after handling.
- : P280 - Wear protective gloves, protective clothing, eye protection, face protection.
- : P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- : 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 person to fresh air and keep 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.
- : P310 - Immediately call a poison center or doctor/physician. P363 - Wash contaminated clothing before reuse.
- : P390 - Absorb spillage to prevent material-damage. P405 - Store locked up.
- : P406 - Store in corrosive resistant container with a resistant inner liner.
- : P501 - Dispose of contents/container to comply with local, state and federal regulations.

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

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3.2. Mixtures

Name	%	Classification
Water	20-60	Not classified
Organic Acid	5-10	Not classified
Inorganic Acid	8-12	Ox. Liq. 3, H272 Met. Corr. 1, H290
EGMBE	12-15	Not classified
Coper Sulphate based anti-corrosive additive	3-6	Not classified

SECTION 4: First-aid measures

4.1. Description of first aid measures

General information	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
After inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
After skin contact	: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor/physician.
After eye contact	: 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/physician. Seek medical assistance immediately and continue flushing during transport.
After ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

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

Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects	: Causes severe skin burns and eye damage.
Symptoms/effects after eye contact	: Causes serious eye damage.

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

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instruction	: 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 enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment	: Protective goggles. Protective clothing. Gloves. Combined gas/dust mask with filter type B/P3.
Emergency procedures	: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and materials for containment and cleaning up

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. Absorb spillage to prevent material-damage.
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6.4. Reference to other section

See Heading 8. Exposure controls and personal protection.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed** : May be corrosive to metals.
- 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. Do not breathe the mist, vapors, spray.
- Hygiene measures** : Wash exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures** : Comply with applicable regulations.
- Storage conditions** : Keep only in the original container in a cool, well-ventilated place away from: incompatible materials. Keep container closed when not in use.
- Incompatible products** : Strong bases. Halogens. metals. aluminum. Strong reducing agents.
- Incompatible materials** : Sources of ignition. Direct sunlight.
- Packaging materials** : Store in corrosive resistant container with a resistant inner liner.

7.3. Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available.

8.2. Exposure controls

- Appropriate engineering controls** : Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

8.3. Individual protection measures/Personal protective equipment

- Personal protective equipment** : Gloves. Protective goggles. Chemical resistant apron. Combined gas/dust mask with filter type B/P2.
- Hand protection** : Wear protective gloves.
- Eye protection** : Chemical goggles or face shield
- Skin and body protection** : Wear suitable protective clothing
- Respiratory protection** : Full face mask with filter type B at conc. in air > exposure limit

Personal protective equipment symbol(s) :



Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid	Relative vapor density	No data available
Appearance	Clear, pale-yellow liquid	Relative density	No data available
Colour	Pale yellow	Specific gravity/density	1.1 g/ml
Odour	Characteristic pungent	Solubility	Soluble in water
Odour threshold	No data available	Log Pow	No data available
pH neat	1-3	Auto-ignition temperature	No data available
Melting point	No data available	Decomposition temperature	No data available
Freezing point	-5 °C	Viscosity, kinematic	1.02 mm ² /s
Boiling point	No data available	Viscosity, dynamic	No data available
Flash point	92 °C	Explosion limits	No data available
Relative evaporation rate	No data available	Explosive properties	No data available
Flammability (solid, gas)	Nonflammable	Oxidizing properties	No data available
Vapor pressure	No data available	-	-

9.2. Other information

VOC content.

SECTION 10: Stability and reactivity

10.1. Reactivity

- Thermal decomposition generates** : Corrosive vapors.

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reaction

Not established.

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10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong reducing agents. Strong bases. metals. aluminum. Ammonia. combustible materials. Halogens.

10.6. Hazardous decomposition products

Nitrogen oxides. Thermal decomposition generates: Corrosive vapors.

SECTION 11: Toxicological information

11.1. Information on toxicological effects.

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.
Skin corrosion/irritation	: Causes severe skin burns.
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.
Likely routes of exposure	: Inhalation. Skin and eye contact.
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects	: Causes severe skin burns and eye damage.
Symptoms/effects after eye contact	: Causes serious eye damage.

SECTION 12: Ecological information

12.1. Toxicity

Inorganic Acid	
EC50 Daphnia 1	180 mg/l (EC50; 48 h)
LC50 fish 2	72 ppm (LC50; 96 h)
Threshold limit algae 1	> 19 mg/l (EC0)

12.2. Persistence and degradability

Inorganic Acid	
Persistence and degradability	Not established.
Inorganic Acid	
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
Water (7732-18-5)	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No data information.

12.6. Other adverse effects

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations	: Product is covered by the regulations on hazardous waste. HP 3 - Flammable HP 6 - Acute toxicity HP 8 – Corrosive HP 14 – Ecotoxic Dispose of contents/container to an approved waste disposal plant.
Specific labelling	: Not applicable.
Contaminated packing	: Packaging containing residues of the product must be disposed of similarly to the product.

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SECTION 14: Transport information

14.1. UN number

ADR/IMDG/IATA : UN1832

14.2. UN proper shipping name

ADR/IMDG/IATA : CORROSIVE LIQUID, FLAMMABLE, N.O.S.

14.3. Transport hazard class(es)

ADR/IMDG/IATA : Class: 8
Labels: 8+3 Classification code: CF1



14.4. Packing group

ADR/IMDG/IATA : II

14.5. Environmental hazards

ADR/IMDG/IATA : Yes

14.6. Special precautions for user

Not applicable.

SECTION 15: Regulatory information

No data available.

SECTION 16: Other information

No data available.

Disclaimer:

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