

Safety Data Sheet

SYNCLAIR A/C - P40448

Safety Data Sheet date: 26/1/2021, version 1

1. Identification

GHS Product Identifier

Mixture identification:

Trade name: SYNCLAIR A/C

SDS code: P40448

Recommended use of the chemical and restrictions on use

Recommended use:

Cleaner

Industrial uses

Restrictions on use:

No uses advised against are identified.

Supplier's details

Manufacturers:

Socomore SASU

Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France

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Emergency phone number:

New Zealand emergency phone number: 0800 764 766 (0800 POISON)

2. Identification des dangers

Classification complies with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS Ed.7) and is consistent with ERMA New Zealand Approval number (HSNO) which is reported in Section 15.

Warning, Acute Tox. 5, May be harmful if swallowed.

⚠ Danger, Skin Corr. 1B, Causes severe skin burns and eye damage.

⚠ Danger, Eye Dam. 1, Causes serious eye damage.

GHS label elements, including precautionary statements

Hazard pictograms:

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Danger

Hazard statements:

H303 May be harmful if swallowed.

H314 Causes severe skin burns and eye damage.

Precautionary statements:

P260 Do not breathe vapours.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves and eye/face protection.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

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

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

P312 Call a POISON CENTER/doctor if you feel unwell.

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Other hazards which do not result in a classification

No other hazards

3. Composition/information on ingredients

Substances

N.A.

Mixtures

Hazardous components within the meaning of GHS and related classification:

| Qty | Name | Ident. Number | Classification |
|------------------|---|---|---|
| >= 7% - < 10% | ISOTRIDECANOL ETHOXYLATED (5-20 OE) | CAS: 69011-36-5 EC: 500-241-6 REACH No.: 01- 2119976362 -32 | ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.3/1 Eye Dam. 1 H318 |
| >= 3% - | PYROPHOSPHATE TÉTRAPOTASSIQUE | CAS: 7320-34-5 | 3.1/5/Dermal Acute Tox. 5 H313 |

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| | | | |
|-----------------|------------------------------------|---|--|
| < 5% | | EC: 230-785-7 REACH No.: 01-2119489369-18 | <div> <div></div> 3.2/2 Skin Irrit. 2 H315 </div> <div> <div></div> 3.3/2A Eye Irrit. 2A H319 </div> |
| >= 3% - < 5% | POTASSIUM 3,5,5-TRIMETHYLHEXANOATE | CAS: 93918-10-6 EC: 299-890-3 REACH No.: Exempted---- | <div> <div></div> 3.3/2A Eye Irrit. 2A H319 </div> <div> <div></div> 3.2/2 Skin Irrit. 2 H315 </div> |
| >= 1% - < 3% | disodium metasilicate | Index number: 014-010-00-8 CAS: 6834-92-0 EC: 229-912-9 | <div> <div></div> 3.1/4/Oral Acute Tox. 4 H302 </div> <div> <div></div> 3.2/1B Skin Corr. 1B H314 </div> |

4. First-aid measures

Description of necessary first-aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

Remove contaminated clothing immediately and dispose of safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do NOT induce vomiting.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

None

Indication of immediate medical attention and special treatment needed, if necessary

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

No particular treatment.

5. Fire-fighting measures

Suitable extinguishing media

Water.

Carbon dioxide (CO2).

Unsuitable extinguishing media

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None in particular.

Special hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products:

None

Explosive properties: N.A.

Oxidizing properties: N.A.

Special protective actions for fire-fighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

Methods and material for containment and cleaning up

Wash with plenty of water.

7. Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

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8. Exposure controls/personal protection

Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

PYROPHOSPHATE TÉTRAPOTASSIQUE - CAS: 7320-34-5

Worker Professional: 2.79 mg/m³ - Consumer: 0.68 mg/l - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Consumer: 70 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

PYROPHOSPHATE TÉTRAPOTASSIQUE - CAS: 7320-34-5

Target: Fresh Water - Value: 0.05 mg/l

Target: Marine water - Value: 0.005 mg/l

Target: Freshwater sediments - Value: 0.5 mg/l - Notes: PNEC aqua (intermittente, eau douce)

Target: Microorganisms in sewage treatments - Value: 50 mg/l

Appropriate engineering controls:

None

Individual protection measures, such as personal protective equipment (PPE)

Eye protection:

Safety goggles (EN 166)

Face protection shield. (EN 166)

Use closed fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable gloves type: NF EN374

NR (natural rubber, natural latex).

PVC (polyvinyl chloride).

PVA (Polyvinyl alcohol).

NBR (nitrile rubber).

Butyl rubber (isobutylene-isoprene copolymer)

Respiratory protection:

Use adequate protective respiratory equipment.

Thermal Hazards:

None

9. Physical and chemical properties

| Properties | Value | Method: | Notes |
|------------------------|-----------------------------------|---------|-------|
| Appearance and colour: | Clear colourless to yellow liquid | -- | -- |
| Odour: | N.A. | -- | -- |

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| | | | |
|---|--------------------|------------------------|------|
| pH: | 12.8 | ISO 4316, ASTM E70 | -- |
| Kinematic viscosity | N.A. | -- | -- |
| Melting point / freezing point: | Not Relevant | -- | -- |
| Initial boiling point and boiling range: | >100 °C/ >212°F | -- | -- |
| Flammability | N.A. | | |
| Flash point (°C): | Not Relevant | -- | -- |
| Upper/lower flammability or explosive limits: | Not Relevant | -- | -- |
| Vapour pressure: | 17.5 mmHg | -- | 20°C |
| Vapour density: | .67 | -- | -- |
| Relative density: | 1.084 | ISO 649, ASTM D1298 | -- |
| Solubility in water: | N.A. | -- | -- |
| Solubility in oil: | N.A. | -- | -- |
| Partition coefficient (n-octanol/water): | N.A. | -- | -- |
| Auto-ignition temperature: | N.A. | -- | -- |
| Decomposition temperature: | N.A. | -- | -- |
| Particle characteristics: | | | |
| Particle size (average and range) | N.A. | -- | -- |

10. Stability Toxicological information

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Reactivity

Stable under normal conditions

Chemical stability

Stable under normal conditions

Possibility of hazardous reactions

None

Conditions to avoid

Stable under normal conditions.

Incompatible materials

None in particular.

Hazardous decomposition products

None.

11. Toxicological information

Information on toxicological effects

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

ISOTRIDECANOL ETHOXYLATED (5-20 OE) - CAS: 69011-36-5

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 300 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Reproductive toxicity:

Test: NOAEL - Route: Oral - Species: Rat > 250 MGKGBWDAY

Test: NOAEL - Route: Oral - Species: Rat > 50 MGKGBWDAY

STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat = 50 mg/kg

PYROPHOSPHATE TÉTRAPOTASSIQUE - CAS: 7320-34-5

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 1.1 mg/l

disodium metasilicate - CAS: 6834-92-0

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 1152 mg/kg

Test: LD50 - Route: Oral - Species: Rat < 1349 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 2.06 g/m3

Test: LD50 - Route: Skin - Species: Rat > 5000 mg/kg

Reproductive toxicity:

Test: NOAEL - Species: Rat > 159 mg/kg - Notes: mg/kg poids corporel/jour

Test: NOAEL - Species: Mouse > 200 mg/kg - Notes: mg/kg poids corporel/jour

STOT-repeated exposure:

Test: NOAEL - Species: Rat = 227 mg/kg - Notes: mg/kg poids corporel/jour

Test: NOAEL - Species: Mouse = 260 mg/kg - Notes: mg/kg poids corporel/jour

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If not differently specified, the information listed below must be considered as non applicable:

Acute toxicity;
Skin corrosion/irritation;
Serious eye damage/irritation;
Respiratory or skin sensitisation;
Germ cell mutagenicity;
Carcinogenicity;
Reproductive toxicity;
STOT-single exposure;
STOT-repeated exposure;
Aspiration hazard.

12. Ecological information

Toxicity

Adopt good working practices, so that the product is not released into the environment.

ISOTRIDECANOL ETHOXYLATED (5-20 OE) - CAS: 69011-36-5

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae > 1 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus

Endpoint: EC50 - Species: Daphnia > 1 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: LC50 - Species: Fish > 1 mg/l - Duration h: 96 - Notes: Cyprinus carpio

Endpoint: EC10 - Species: Daphnia = 2.6 mg/l - Duration h: 504 - Notes: Daphnia magna

Endpoint: EC10 - Species: Algae > 1 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus

c) Bacteria toxicity:

Endpoint: EC50 - Species: bacteria = 140 mg/l

f) Effects in sewage plants:

Endpoint: NOEC = 220 mg/kg

PYROPHOSPHATE TÉTRAPOTASSIQUE - CAS: 7320-34-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72

Endpoint: EC50 > 1000 mg/l - Duration h: 3 - Notes: Activated sludge

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 100 mg/l - Duration h: 96

Endpoint: NOEC - Species: Algae > 100 mg/l - Duration h: 72

disodium metasilicate - CAS: 6834-92-0

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 210 mg/l - Duration h: 96 - Notes: Brachydanio rerio

Endpoint: EC50 - Species: Daphnia = 1700 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 207 mg/l - Duration h: 72 - Notes: Biomass

Persistence and degradability

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ADR-Subsidiary hazards: -
ADR-S.P.: 274
ADR-Transport category (Tunnel restriction code): 3 (E)
IATA-Passenger Aircraft: 852
IATA-Subsidiary hazards: -
IATA-Cargo Aircraft: 856
IATA-S.P.: A3 A803
IATA-ERG: 8L
IMDG-EmS: F-A , S-B
IMDG-Subsidiary hazards: -
IMDG-Stowage and handling: Category A
IMDG-Segregation: Clear of living quarters. "Separated from" acids.

Transport in bulk according to IMO instruments

N.A.

15. Regulatory information

Safety, health and environmental regulations specific for the product in question.

This Safety Data Sheet has been prepared according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Seventh revised edition.

International Inventories:

The substances are listed or exempted from registration in the following international inventories:

HSNO Group Standard Approval: HSR002526

16. Other information

This document was prepared by a competent person who has received appropriate training. Classification complies with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS Ed.7) and is consistent with ERMA New Zealand Approval number (HSNO) which is reported in Section 15.

Full text of phrases referred to in Section 3:

H302 Harmful if swallowed.
H318 Causes serious eye damage.
H313 May be harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H314 Causes severe skin burns and eye damage.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van

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Nostrand Reinold

CCNL - Appendix 1

Insert further consulted bibliography

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SOCOMORE strongly advises every recipient of this safety data sheet to read it carefully and to consult experts in the field if necessary or appropriate, in order to understand the information it contains, notably the possible dangers associated with this product. The users must ensure the conformity and completeness of this information with regards to their specific use of the product.

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

| | |
|-------------|--|
| ADR: | European Agreement concerning the International Carriage of Dangerous Goods by Road. |
| ATE: | Acute Toxicity Estimate |
| ATEmix: | Acute toxicity Estimate (Mixtures) |
| CAS: | Chemical Abstracts Service (division of the American Chemical Society). |
| CLP: | Classification, Labeling, Packaging. |
| DNEL: | Derived No Effect Level. |
| EINECS: | European Inventory of Existing Commercial Chemical Substances. |
| GefStoffVO: | Ordinance on Hazardous Substances, Germany. |
| GHS: | Globally Harmonized System of Classification and Labeling of Chemicals. |
| IATA: | International Air Transport Association. |
| IATA-DGR: | Dangerous Goods Regulation by the "International Air Transport Association" (IATA). |
| ICAO: | International Civil Aviation Organization. |
| ICAO-TI: | Technical Instructions by the "International Civil Aviation Organization" (ICAO). |
| IMDG: | International Maritime Code for Dangerous Goods. |
| INCI: | International Nomenclature of Cosmetic Ingredients. |
| KSt: | Explosion coefficient. |
| LC50: | Lethal concentration, for 50 percent of test population. |
| LD50: | Lethal dose, for 50 percent of test population. |
| PNEC: | Predicted No Effect Concentration. |
| RID: | Regulation Concerning the International Transport of Dangerous Goods by Rail. |
| STEL: | Short Term Exposure limit. |
| STOT: | Specific Target Organ Toxicity. |
| TLV: | Threshold Limiting Value. |

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TWA: Time-weighted average
WGK: German Water Hazard Class.