

Safety Data Sheet

1. Identification of the substance/mixture and of the Company.

Product name: Zoma Sas

Product code: SA2020

Company: Cleantech LLC

Contact Information: +995 032 2 501 502; Info@zoma.ge

Safety Data Sheet

1. Identification Of The Substance/Mixture And Of The Company/Undertaking

Product name: Zoma Sas

- **Use:** Laundry softener
- **Manufacturer/Supplier:** Cleantech LLC

2. Hazard Identification:



Contains: Alcohols, C13-15-branched and linear, ethoxylated EO=8

Hazard Statements:

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H318 Causes serious eye damage.

Precautionary Statements :

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves, protective clothing and eye or face protection.

P305+351+338 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 CENTRE, doctor or physician.

Detergent labeling:

Cationic surfactants 15% <30

Anionic surfactants, soap <5%

3. Information about Ingredients:

Mixtures:

CAS: 157627-86-6

EINECS: 500-337-8

Alcohols, C13-15-branched and linear, 50-60%
ethoxylated EO=8

Xi; R41. R52/53.

Acute Tox. 4-H302; Eye Dam. 1 - H318

CAS: 69227-21-0

EINECS: 500-242-1

Alcohols, C12-18, ethoxylated and 10-20%

Propoxylated

Xi; R36.
Eye Irrit. 2 - H319

CAS: 67-63-0
EINECS: 200-661-7

propan-2-ol 1-3%
F; R11. Xi; R36. R67.
Flam. Liq. 2- H225; Eye Irrit. 2-H319; STOT SE 3 - H336

CAS: 27344-41-8
EINECS: 248-421-0

4.4'bis-(Sulfostiril) 1-3%
Xi; R36. Eye Irrit. 2 - H319

4. First aid measures

Inhalation:

Move exposed person to fresh air. Get medical attention or advice if you feel unwell.

Skin contact:

Wash skin immediately and thoroughly with lukewarm, gently flowing water for at least 30minutes. Remove contaminated clothing immediately. Call to medical attention.

Eye contact:

Wash immediately with copious amounts of lukewarm water, remove contact linses, if any. Continue rinsing. and call to medical attention.

Ingestion:

Rinse mouth. Immediately drink one or two glasses of water or milk. Do not induce vomiting. Seek for medical attention.

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

Inhalation: No known effects or symptoms in normal use.

Skin contact: May cause irritation.

Eye contact: Causes severe damage.

Ingestion: Harmful if swallowed.

5. Firefighting Measures.

Suitable extinguishing media:

CO2. extunguishing powder or water.

Fight larger fires with water spray jet or alcohol-resistant foam.

use protective clothing including gloves and eye/face protection. Special Fire Fighting Procedures: Dike and collect extinguishing water. Avoid breathing fire vapours.

6. Accidental Release Measures.

Personal precautions:

Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection. Avoid contact with skin and eyes.

Environmental precautions:

Dilute with plenty of water. Inform responsible authorities in case undiluted product reaches drainage system, surface or ground water or the ground/soil.

Methods and material for containment and clean up:

Absorb dry sand or other inert material. Do not use fabric, sawdust and other flammable materials (danger of auto-ignition). Provide adequate ventilation.

Additional information:

See Section 8 for personal protective equipment and Section 13 for waste disposal.

7. Handling and storage

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advised by Cleantech. Use personal protective equipment as required. Avoid contact with skin and eyes. Use only with adequate ventilation.

8. Exposure controls/personal Protection

Control parameters:

| | |
|-------------|-----------------------------------|
| propan-2-ol | |
| TWA-8 Hours | 400 ppm 999 mg/m ³ |
| STEL-15 Min | 500 ppm 1250 mg/m ³ |

Exposure controls:

Recommended safety measures for handling the undiluted product:

Engineering controls:

If the product is diluted by using specific dosing systems with no risk of splashes or direct skin contact, the personal protection equipment as described in this section is not required.

General controls:

Avoid direct contact and/or splashes where possible. Train personnel.

General protection and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

Keep away from food, drink and animal feed.

Immediately remove contaminated clothing.

Wash hands before breaks and at the end of workday.

Avoid contact with the eyes and skin.

Use only in well-ventilated areas.

Respiratory protection:

No special requirements under normal use conditions.

Hand protection:

Wash your hands and then wipe dry. For prolonged contact, protection may be required.

Eye protection:

Safety glasses or goggles (EN 166).

Body protection:

No special requirements under normal use conditions.

Environmental exposure controls:

No special requirements under normal use conditions. Avoid release to the environment.

9. Chemical properties (physical)**Prictuct:**

- **form:** liquid
- **color:** clear colorless
- **odour:** odorless

| | |
|--|--------------------------|
| boiling point/boiling range | <i>not determined</i> |
| flash point | 36.3 °C |
| pH value: | 6.0-8.0 |
| flammability | <i>non-flammable</i> |
| auto ignition temperature | <i>not self-igniting</i> |
| viscosity | <i>not determined</i> |
| density | <i>not determined</i> |
| Solubility in / Miscibility with Water | Completely miscible. |

10. Stability and Reactivity**10.1. Reactivity**

No reactivity hazards known under normal storage and use conditions.

10.2. Chemical stability

Stable under normal storage and use conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4. Conditions to avoid

None known under normal storage and use conditions.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

None known under normal storage and use conditions.

11. Toxicological Information.**Acute toxicity:**

There is no available test data for the mixture.

Skin irritation and corrosivity:

May cause irritation.

Eye irritation and corrosivity:

Cause severe damage.

Inhalation:

May cause respiratory irritation.

Ingestion:

May cause discomfort if swallowed. Nausea, vomiting

12. Ecological Information

12.1. Toxicity

No data is available on the mixture.

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

No bioaccumulation expected.

Mobility in soil: Potential for mobility in soil, soluble in water.

12.4. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.5. Other adverse effects

No other adverse effects known.

13. Disposal Considerations

13.1. Waste treatment methods

Product

Dispose of observing national or local regulations.

European Waste Catalogue: 20 01 29 *: detergents containing dangerous substances.

Empty packaging

Recommendation: Dispose of observing national or local regulations.

Recommended cleaning agent: Water, if necessary with cleaning agent.

14. Transport Information

14.1. UN number

UN No. (ADR/RID/ADN) 1987

UN No. (IMDG) 1987

UN No. (ICAO) 1987

UN proper shipping name

Proper Shipping Name

ALCOHOLS, N.O.S. (ALCOHOL ETHOXYLATED)

14.2. Transport hazard class(es)

ADR/RID/ADN Class

3

ADR/RID/ADN Class Class

3: Flammable liquid.

ADR Label No.

3

IMDG Class

3

ICAO Class/Division

3



Transport Labels Transport Labels

14.3. Packing group

ADR/RID/ADN Packing group III

IMDG Packing group III

ICAO Packing group III

14.4. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant No.

14.5. Special precautions for user

| | |
|-------------------------|----------|
| EMS | F-E, S-D |
| Emergency Action Code | +3Y |
| Hazard No. (ADR) | 30 |
| Tunnel Restriction Code | (D/E) |

14.6. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

15. Other Information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.

Hazard Statements In Full

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Zoma D-Quat

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