# SAFETY DATA SHEET "STONE SOAP"

## 1) IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

| | |
|---|---|
| Commercial name: | Stone Soap - Perform Stone Soap Special the Original |
| Use of the substance: | Professional environmentally friendly cleaners |
| COMPANY IDENTIFICATION: | **BONASTRE SYSTEM S.L.**<br>Avda Baga, 1<br>08272 Sant Fruitos de Bages - Barcelona SPAIN<br>Tel: (+34) 937 724 400<br>Web: www.bonastre-system.com<br>Mail: info@bonastre-system.com |
| Emergency Number: | (+34) 937 724 400 |

## 2) HAZARDS IDENTIFICATION

**2.1 Classification:**
Classification CLP (1272/2008/EC)
Skin irritation – Category 2; H315
Serious eye irritation – Category 2; H319

**2.2 Label elements:**
**Pictogram**

**Signal Word:** Warning

**Containing substances**
2-Aminoethanol
**Hazard statement Code(s)**
H315 Causes skin irritation.
H319 Causes serious eye irritation.
**Precautionary statements**
P280 Wear protective gloves/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P362 Take off contaminated clothing and wash before reuse.
P337+P313 If eye irritation persist: Get medical advice/attention.
**2.3 Other hazards**
This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

## 3) COMPOSITION / INFORMATION ON INGREDIENTS

**3.2 Chemical composition: Mixture**

| Components | CAS-No<br>EC-No<br>Reg-No | Conc. % | Symbol & R-phrases* | Hazard Class and Category Code(s) | Hazard statement Code(s)* |
|---|---|---|---|---|---|
| (2-methoxymethylethoxy)-propanol | 34590-94-8<br>252-104-2<br>01-2119450011-60-xxxx | 5 - 15 | - | - | - |
| 2-Aminoethanol | 141-43-5<br>205-483-3<br>01-2119486455-28-xxxx | 1-< 3 | C ; R34<br>Xn ; R20/21/22 | Acute Tox. 4<br>Acute Tox. 4<br>Acute Tox. 4<br>Skin Corr. 1B<br>STOT Single 3 | H302<br>H312<br>H332<br>H314<br>H335 |
| Perfume | - | < 0.5 | - | | |

*The full text of Risk phrases and Hazard statement Codes are listed under heading 16.

**Composition Comments**
Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels.

The classification is based on information from the chemical supplier and www.ecb.europa.eu (databases)

## 4) FIRST AID MEASURES

**4.1 Description of first aid measures:**
**General information**
In all cases of doubt, or when symptoms persist, seek medical advice. Keep person warm and calm.
Never give fluids or induce vomiting if patient is unconscious.
**Inhalation**
Fresh air.
**Skin contact**
Wash with soap and water for several minutes and rinse skin thoroughly. Seek medical advice if the complaints persist.
**Eye contact**
Important! Rinse immediately with water for at least 10 minutes. Hold eyelids apart. Contact a doctor if the complaints persist.
**Ingestion**
Rinse mouth and immediately give plenty of milk or water to drink. Seek medical advice.

**4.2 Most important symptoms and effects, both acute and delayed:**

| | |
|---|---|
| **Inhalation:** | May cause irritation by inhalation of spray mist (Cough). |
| **Skin contact:** | Irritating to skin. (redness, pain) |
| **Eye contact:** | Irritation to eyes. (Pain, redness) |
| **Ingestion:** | Ingestion in larger doses can cause nausea, vomiting. |

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

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## 5) FIRE-FIGHTING MEASURE

**5.1 Extinguishing media**
Water spray, fog or mist, foam, powder or carbon dioxide.
**5.2 Special hazards arising from the substance or mixture**
Do not breathe fumes. During fire, gases hazardous to health may be formed.
**5.3 Special protective equipment**
Appropriate breathing apparatus may be required.
**Additional information**
Cool endangered containers with water in case of fire. Move containers from fire area if it can be done without risk.

## 6) ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures**
Use personal protective equipment.
Avoid contact with skin and eyes.
Risk of slipping.
**6.2 Environmental precautions**
Do not flush into surface water or sanitary sewer system.
**6.3 Methods and material for containment and cleaning up**
Re-use product if possible. Small quantities may be wiped up with a cloth.
Larger spill: Contain spill with inert material. Absorb in vermiculite, dry sand or soil.
Rinse with plenty of water.
**6.4 Reference to other sections**
For handling and storage, see section 7.
For personal protection, see section 8.
For disposal of spillage, see section 13.

## 7) HANDLING AND STORAGE

**7.1 Precautions for safe handling**
Use personal protective equipment.
Avoid contact with skin and eyes.
Normal precautions taken when handling chemicals should be observed.
Run risks of slipperiness.
Wash hands during work breaks and the end of the shift.
Do not eat, drink or smoke when use this product.
**7.2 Conditions for safe storage, including any incompatibilities**
Store upright in original closed containers in a dry place at room temperature.
Suitable storage materials: Polyethylene (PE).
Inappropriate storage material: PVA (polyvinylalcohol).
**7.3 Specific end use(s)**
**-**

## 8) EXPOSURE CONTROLS/ PERSONAL PROTECTION

**8.1 Control parameters**

**Appropriate engineering controls**

Provide adequate ventilation.

Provide eyewash station.

**Exposure limits**

Swedish limit values or limit values according to the European commission:

| Substance | CAS-No | Level limit value | Short time value | Note |
|---|---|---|---|---|
| (2-methoxymethylethoxy)propanol<br>2-propanol | 34590-94-8 | 50 ppm<br>300 mg/m³ | 75 ppm<br>450 mg/m³ | H,V |
| 2-Aminoethanol | 141-43-5 | 1 ppm<br>2,5 mg/m³ | 3 ppm<br>7,5 mg/m³ | H |

**Note:**

H = Substance may be absorbed through the skin.

V = Indicative short term limit

**DNEL**

| | |
|---|---|
| (2-methoxymethylethoxy)propanol (34590-94-8) | Long term exposures – Workers<br>Systematic effects, dermal: 65 mg/kg/day<br>Long term exposures – Workers<br>Systematic effects, inhalation: 310 mg/m3<br>Long term exposures – Consumers<br>Systematic effects, dermal: 15 mg/kg/day<br>Long term exposures – Consumers<br>Systematic effects, inhalation: 37,2 mg/m3<br>Long term exposures – Consumers<br>Systematic effects, oral: 1,67 mg/kg/day |
| 2-Aminoethanol (141-43-5) | Long term exposures – Workers<br>Systematic effects, dermal: 1 mg/kg/day<br>Long term exposures – Workers<br>Systematic effects, inhalation: 3,3 mg/kg/day<br>Long term exposures – Workers<br>Local effects, inhalation: 3,3 mg/kg/day<br>Long term exposures – Consumers<br>Systematic effects, dermal: 0,24 mg/kg/day<br>Long term exposures – Consumers<br>Systematic effects, inhalation: 2 mg/kg/day<br>Long term exposures – Consumers<br>Local effects, inhalation: 2 mg//kg/day<br>Long term exposures – Consumers<br>Systematic effects, oral: 3,75 mg/kg/day |

**PNEC**

| | | |
|---|---|---|
| (2-methoxymethylethoxy)propanol (34590-94-8) | 19 mg/l | Freshwater |
| (2-methoxymethylethoxy)propanol (34590-94-8) | 1.9 mg/l | Seawater |
| (2-methoxymethylethoxy)propanol (34590-94-8) | 190 mg/l | Water |
| (2-methoxymethylethoxy)propanol (34590-94-8) | 70.2 mg/kg | Wet sediment (Freshwater) |
| (2-methoxymethylethoxy)propanol (34590-94-8) | 7.02 mg/kg | Wet sediment (Seawater) |
| (2-methoxymethylethoxy)propanol (34590-94-8) | 2.74 mg/kg | Soil |
| (2-methoxymethylethoxy)propanol (34590-94-8) | 4168 mg/l | Sewage Treatment Plant |
| 2-Aminoethanol (141-43-5) | 0.085 mg/l | Freshwater |
| 2-Aminoethanol (141-43-5) | 0.0085 mg/l | Seawater |
| 2-Aminoethanol (141-43-5) | 0.025 mg/l | Intermittent release |
| 2-Aminoethanol (141-43-5) | 0.425 mg/kg | Wet sediment (Freshwater) |
| 2-Aminoethanol (141-43-5) | 0.0425 mg/kg | Wet sediment (Seawater) |
| 2-Aminoethanol (141-43-5) | 0.035 mg/kg | Soil |
| 2-Aminoethanol (141-43-5) | 100 mg/l | STP |

**8.2 Exposure controls:**

**General protective and hygiene measures**

Wash hands before breaks and after work. Do not eat, drink or smoke when using this product.

Handle in accordance with good industrial hygiene and safety practice.

**Individual protection measures, such as personal protective equipment**

Always consult a competent person/supplier when selecting personal protective equipment.

**Respiratory protection**

Normally not needed.

**Hand protection**

Use protective gloves (for ex. Nitrite rubber, PVC).

**Eye protection**

Wear tightly fitting protective goggles if there is a risk of direct contact or splash.

**Clothing requirements**

Wear suitable protective clothing.

## 9) PHISICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties:**

| | |
|---|---|
| Form | Liquid |
| Colour | Yellowish brown |
| Odour | Faint scent of citrus |
| Odour threshold | Not determined |
| pH-value (Conc.) | About 8,5 |
| Melting point/freezing point (°C) | About 0 |
| Initial boiling point and boiling range (°C) | About 100 |
| Flash point (°C) | Not determined |
| Evaporation rate (°C) | Not determined |
| Flammability (solid, gas) | Not determined |
| Upper flammability or explosive limits | Not determined |
| Lower flammability or explosive limits | Not determined |
| Vapour pressure | Not determined |
| Vapour density | Not determined |
| Density | 995 kg/m3 |
| Solubility in water | Soluble |
| Partition coefficient: n-octanol/water | Not determined |
| Auto-ignition temperature | Not determined |
| Decomposition temperature | Not determined |
| Viscosity | Viscous, about 200 cPs |
| Explosive properties | Not determined |
| Oxidising properties | Not determined |

**9.2 Other information:**

No specific.

## 10) STABILITY AND REACTVITY

**10.1 Reactivity**

Stable under recommended storage and handing conditions.

**10.2 Chemical stability**

Stable under recommended storage and handing conditions.

**10.3 Possibility of hazardous reactions**

No known.

**10.4 Conditions to avoid**

No known.

**10.5 Incompatible materials**

Strong acids and strong oxidizing agents.

**10.6 Hazardous decomposition products**

No known.

## 11) TOXICOLOGICAL INFORMATION

**11.1 Information on toxicological effects**

See section 4. (Most important symptoms and effects, both acute and delayed)

**Inhalation**

May cause irritation by inhalation.

**Skin contact**

Irritating to skin.

**Eye contact**

Irritating to eyes.

**Ingestion**

Ingestion in larger doses can cause nausea, vomiting.

**Acute toxicity**

Information about this preparation is not available.

**Toxicology data for the containing components:**

| | |
|---|---|
| **(2-methoxymethylethoxy)propanol (34590-94-8)** | LD50 Oral rat: >4000 mg/kg<br>LC50 Inhaled rat 7h: 3.35 mg/l<br>LD50 Dermal rabbit: 9500 mg/kg |
| **2-Aminoethanol (141-43-5)** | LD50 Oral rat: 1515 mg/kg<br>LD50 Dermal rabbit: 2504 mg/kg |

**Specific target organ toxicity (STOT) single and repeated exposure**

No known.

**Routes of exposure:**

Eyes and skin, ingestion, inhalation.

**Allergenic potential**

The product is not classified as allergenic by inhalation or skin contact but it contains a small amount of allergenic perfume at a concentration below reportable levels.

**Carcinogenicity, mutagenicity and toxicity for reproduction**

This product is not classified as carcinogen, mutagen or toxic for reproduction.

**Danger to aspiration**

No

## *12)* ECOLOGICAL INFORMATION

This product is not classified as dangerous for the environment.

Do not flush into surface water or sanitary sewer system.

**12.1 Toxicity**

Information about this preparation is not available.

**Toxicology data for the containing components:**

| | |
|---|---|
| **(2-methoxymethylethoxy)propanol (34590-94-8)** | LC50 Fish 96h: >10000 mg/l Sp: Pimephales promelas<br>EC50 Daphnia 48h: 1919 mg/l Sp: D. magna<br>IC50 Bacteria: 4168 mg/l Sp:Pseudomonas putida |
| **2-Aminoethanol (141-43-5)** | LC50 Fish 96h: 349 mg/l Sp: Cyprinus carpio<br>LC50 Fish 96h: 170 mg/l Sp: Carassius auratus<br>EC50 Daphnia 48h: 65 mg/l Sp: Daphnia magna<br>EC50 Algae 72h: 2.5 mg/l Sp: Selenastrum capricornutum<br>EC50 Algae 72h: 22 mg/l Sp: Scenedesmus subspicatus<br>EC20 Bacteria 30 min: >1000 mg/l Sp. Activated sludge<br>EC50 Bacteria 3h: >1000 mg/l Sp. Activated sludge<br>NOEC Daphnia 21 days: 0.85 mg/l Sp: Daphnia magna |

**12.2 Persistence and degradability**

(2- methoxymethylethoxy)propanol (34590-94-8) – Readily biodegradable.

2-Aminoethanol (141-43-5) – Readily biodegradable-

**12.3 Bioaccumulative potential**

Does not bioaccumulate. - (2- methoxymethylethoxy)propanol (34590-94-8))

Does not bioaccumulate - 2-Aminoethanol (141-43-5)

**12.4 Mobility in soil**

Soluble in water.

**12.5 Results of PBT and vPvB assessment**

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

**12.6 Other adverse effects**

The product is consider to be biodegradable and does not bioaccumulate.

## *13)* DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods:**

**The product**

Dispose of in accordance with local authority requirements. Do not empty into drain.

Avoid releasing remains of concentrated product into drains or waterways.

**Hazardous waste**
**EWC suggestions for waste:**
20 01 29 * detergents containing dangerous substances.
**Disposal of Packaging:**
Empty and cleaned packaging can be recycled.
**Comments**
working solutions/ dilutions: 1 part product – 2 parts water or more is not classified as hazardous waste

## *14)* TRANSPORT INFORMATION

The product is not classified as dangerous goods according to ADR/RID, IMDG, DGR
**14.1 UN number**
-
**14.2 UN proper shipping name (IMDG, IATA/ICAO):**
-
**14.3 Transport hazard class(es)**
-
**14.4 Packing group**
-
**14.5 Environmental hazards**
Marine Pollutant: No
**14.6 Special precautions for user**
-
**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
-

## *15)* REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**
Classification according to CLP (1272/2008/EC)
**Chemical safety assessment**
-

## *16)* OTHER INFORMATION

**The full text of Risk phrases and Hazard statement Codes:**
H302 Harmful if swallowed
H312 Harmful in contact with skin
H314 Causes severe skin burns and eye damage. H332 Harmful if inhaled
H335 May causes respiratory irritation.

**Version 3:** 2017-02-14
Changes have been made in section 1,2,3,11,13 and 16
Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 830/2015
**Previous versions:**
Version 1: 2013-04-03
Version 2: 2026-09-05

**Sources**
Safety data sheet provided by the manufacturer. CLP-regulation, www.kemi.se, www.echa.europa.eu (databases)

**Explanation of abbreviations**
BCF: Bio Concentration Factor.
CAS-nr Chemical Abstracts Service number $EC_{50}$: Effect Concentration
IMDG: International Maritime Dangerous Goods Code. $LC_{50}$: Lethal Concentration
$LD_{50}$: Lethal Dose

NOEC: No Observed Effect Concentration
PBT- substances: Persistent, Bio accumulative and Toxic substances.
vPvB- substances; Very persistent and Very Bio accumulative substances.