

SAFETY DATA SHEET

StellarClean

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: StellarClean
Unique formula identifier 6P80-E098-100J-N612
(UFI):

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

Relevant identified uses Cleaning product
of the substance or
mixture:
Uses advised against : None known.

1.3. Details of the supplier of the safety data sheet

Company and address: **KegLand.eu**
Biezenkamp 21a
6691EJ Gendt
Netherlands
+31 (0) 854 865 724
www.kegland.eu

Distributor: **Ølbrygging AS**
Østerskogen 55,
4879 Grimstad
Norway
+47 96 861 348
olbrygging.no

E-mail: info@kegland.eu

Revision: 23/01/2026

SDS Version: 2.0

Date of previous version: 14/11/2025 (1.0)

1.4. Emergency telephone number

In urgent situations: Call 113 and request the poison information centre. (24h service)

Poison Center at Tel.: + 47 22 59 13 00

See section 4 on 'First Aid Measures'

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP).

2.1. ▼ Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.
Acute Tox. 4; H302, Harmful if swallowed.
Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H335, May cause respiratory irritation.

2.2. Label elements

Hazard pictogram(s):



Signal word: Danger

▼ Hazard statement(s): May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes severe skin burns and eye damage. (H314)
May cause respiratory irritation. (H335)

Precautionary statement(s):

| | |
|-------------------------|--|
| General | Not applicable. |
| Prevention | Do not breathe dust. (P260) Wear eye protection/protective gloves/protective clothing. (P280) |
| ▼ Response | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338) Immediately call a POISON CENTER/doctor. (P310) IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. (P301+P330+P331) |
| Storage | Not applicable. |
| ▼ Disposal | Not applicable. |
| ▼ Hazardous substances: | Disodium carbonate, compound with hydrogen peroxide (2:3) disodium metasilicate Sodium dodecylbenzenesulfonate |
| Additional labelling: | UFI: 6P80-E098-100J-N612 |

2.3. Other hazards

| | |
|----------------------|--|
| Additional warnings: | This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707. |
|----------------------|--|

SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable. This product is a mixture.

3.2. ▼ Mixtures

| Product/substance | Identifiers | % w/w | Classification | Note |
|---|--|--------|---|------|
| Disodium carbonate, compound with hydrogen peroxide (2:3) | CAS No.: 15630-89-4 EC No.: 239-707-6 REACH: 01-2119457268-30-XXXX Index No.: | 25-40% | Ox. Sol. 2, H272 Acute Tox. 4, H302 Eye Dam. 1, H318 | |
| disodium metasilicate | CAS No.: 6834-92-0 EC No.: 229-912-9 REACH: Index No.: 014-010-00-8 | 25-40% | Skin Corr. 1B, H314 STOT SE 3, H335 | |
| Sodium dodecylbenzenesulfonate | CAS No.: 25155-30-0 EC No.: 246-680-4 REACH: 01-2120088038-51-XXXX Index No.: | 10-15% | Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 | |
| citric acid | CAS No.: 77-92-9 EC No.: 201-069-1 REACH: Index No.: 607-750-00-3 | 1-3% | Eye Irrit. 2, H319 STOT SE 3, H335 | |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information**SECTION 4: First aid measures****4.1. Description of first aid measures**

General information: In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.

| | |
|----------------|---|
| | Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink. |
| Inhalation: | Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her. |
| Skin contact: | Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment. Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners. If skin irritation occurs: Get medical advice/attention. |
| ▼ Eye contact: | If in eyes: Flush eyes with plenty of water or saline solution (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport. |
| Ingestion: | In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance. |
| Burns: | Not applicable. |

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. **Extinguishing media**

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. **▼ Special hazards arising from the substance or mixture**

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Sulphur oxides

Carbon oxides (CO / CO₂)

Some metal oxides

5.3. **Advice for firefighters**

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face mask.

SECTION 6: Accidental release measures

6.1. **Personal precautions, protective equipment and emergency procedures**

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

6.2. **Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

6.3. **▼ Methods and material for containment and cleaning up**

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.
Limit spillage, sweep up and shovel into appropriate containers for disposal. Store in suitable, closed containers for disposal.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. ▼ Precautions for safe handling

Ensure adequate ventilation, especially in confined areas.
Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. ▼ Conditions for safe storage, including any incompatibilities

Store in a container with a resistant inner liner.
Recommended storage material: Always store in containers of the same material as the original container.
▼ Storage conditions: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
Dry, cool and well ventilated
Incompatible materials: Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

DNEL

No data available.

PNEC

No data available.

8.2. Exposure controls

Apply general control to prevent unnecessary exposure
General recommendations: Smoking, drinking and consumption of food is not allowed in the work area.
Exposure scenarios: There are no exposure scenarios implemented for this product.
Exposure limits: Occupational exposure limits have not been defined for the substances in this product.
Appropriate technical measures: Apply standard precautions during use of the product. Avoid inhalation of gas or dust.
Ensure that eyewash stations and safety showers are located within easy reach.
Hygiene measures: In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.
Measures to avoid environmental exposure: Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

▼ Generally: Wash contaminated clothing before reuse.
Use only CE marked protective equipment.

Respiratory Equipment:

| Work situation | Type | Class | Colour | Standards |
|---|--|-------|--------|-----------|
| In the event of short termed exposure or low concentrations | Respiratory protection is not needed in the event of adequate ventilation. | | | |

| Work situation | Type | Class | Colour | Standards |
|--------------------------------------|-------------------------|---------|-------------|-----------|
| When there is risk of dust formation | Combination filter A2P2 | Class 2 | Brown/White | EN14387 |



▼ Skin protection:

| Recommended | Type/Category | Standards |
|---|---------------|-----------|
| Dedicated work clothing - should be worn. | - | - |



▼ Hand protection:

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards |
|----------|----------------------|--------------------------|---------------------------|
| Nitrile | >0,4 | > 480 | EN374-2, EN16523-1, EN388 |



▼ Eye protection:

| Type | Standards |
|-----------------------------------|-----------|
| Safety glasses with side shields. | EN166 |



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------------|---------------------------|
| Physical state: | Solid |
| Colour: | White |
| ▼ Odour / Odour threshold: | Faint |
| ▼ pH: | >12 |
| ▼ Density (g/cm ³): | No data available. |
| Kinematic viscosity: | Does not apply to solids. |
| Particle characteristics: | No data available. |

Phase changes

| | |
|------------------------------------|---------------------------|
| Melting point/Freezing point (°C): | No data available. |
| Softening point/range (°C): | Does not apply to solids. |
| Boiling point (°C): | Does not apply to solids. |
| Vapour pressure: | No data available. |
| Relative vapour density: | Does not apply to solids. |
| Decomposition temperature (°C): | No data available. |

Data on fire and explosion hazards

| | |
|--|---------------------------|
| Flash point (°C): | Does not apply to solids. |
| Flammability (°C): | No data available. |
| Auto-ignition temperature (°C): | No data available. |
| Lower and upper explosion limit (% v/v): | Does not apply to solids. |

Solubility

| | |
|------------------------|------------------|
| ▼ Solubility in water: | Slightly soluble |
|------------------------|------------------|

n-octanol/water coefficient (LogKow): No data available.

Solubility in fat (g/L): No data available.

9.2. Other information

Other physical and chemical parameters: No data available.

Oxidizing properties: No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

▼ Acute toxicity

| | |
|--------------------|---|
| Product/substance | Disodium carbonate, compound with hydrogen peroxide (2:3) |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | 893 mg/kg |

| | |
|--------------------|-----------------------|
| Product/substance | disodium metasilicate |
| Species: | Rat |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | >5000 mg/kg |

| | |
|--------------------|--------------------------------|
| Product/substance | Sodium dodecylbenzenesulfonate |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | 438 mg/kg |

Harmful if swallowed.

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory sensitisation

Based on available data for the mixture, the classification criteria are not met.

Skin sensitisation

Based on available data for the mixture, the classification criteria are not met.

Germ cell mutagenicity

Based on available data for the mixture, the classification criteria are not met.

Carcinogenicity

Based on available data for the mixture, the classification criteria are not met.

Reproductive toxicity

Based on available data for the mixture, the classification criteria are not met.

STOT-single exposure

May cause respiratory irritation.

STOT-repeated exposure

Based on available data for the mixture, the classification criteria are not met.

Aspiration hazard

Based on available data for the mixture, the classification criteria are not met.

▼ Symptoms related to the physical, chemical and toxicological characteristics

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

11.2. Information on other hazards

Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

None known.

SECTION 12: Ecological information

12.1. ▼ Toxicity

| | |
|-------------------|-------------------------|
| Product/substance | disodium metasilicate |
| Species: | Fish, Brachydanio rerio |
| Duration: | 96 hours |
| Test: | LC50 |
| Result: | 210 mg/L |

| | |
|-------------------|------------------------|
| Product/substance | disodium metasilicate |
| Species: | Fish, Gambusia affinis |
| Duration: | 96 hours |
| Test: | LC50 |
| Result: | 2320 mg/L |

| | |
|-------------------|------------------------|
| Product/substance | disodium metasilicate |
| Species: | Daphnia, Daphnia magna |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | 49,6 mg/L |

| | |
|-------------------|------------------------|
| Product/substance | disodium metasilicate |
| Species: | Daphnia, Daphnia magna |
| Duration: | 96 hours |
| Test: | EC50 |
| Result: | 216 mg/L |

| | |
|-------------------|--------------------------------|
| Product/substance | Sodium dodecylbenzenesulfonate |
| Test method: | OECD 203 |
| Species: | Fish, Oncorhynchus mykiss |
| Duration: | 96 hours |
| Test: | LC50 |
| Result: | 3,2-5,6 mg/L |

| | |
|-------------------|--------------------------------|
| Product/substance | Sodium dodecylbenzenesulfonate |
| Test method: | OECD 202 |
| Species: | Daphnia, Daphnia magna |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | 6,3-9,5 mg/L |

Based on available data for the mixture, the classification criteria are not met.

12.2. ▼ Persistence and degradability

Product/substance Sodium dodecylbenzenesulfonate
 Result: > 75 %
 Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

Product/substance disodium metasilicate
 LogKow: < 0
 Conclusion: -

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. ▼Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)
 HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
 HP 6 - Acute toxicity
 HP 8 - Corrosive
 Dispose of contents/container to an approved waste disposal plant.
 Disposal to the sewer is discouraged.
 Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

▼ EWC code: 20 01 29* Detergents containing dangerous substances

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

| | 14.1 UN / ID | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other information: |
|-------------|-----------------|---------------------------------|--|-------------|---------------|---|
| ADR/ADN/RID | UN1759 | CORROSIVE SOLID, N.O.S. | Transport hazard class: 8 Label: 8 Classification code: C10  | II | No | Limited quantities: 1 kg Tunnel restriction code: (E) See below for additional information. |
| IMDG | UN1759 | CORROSIVE SOLID, N.O.S. | Transport hazard class: 8 Label: 8 Classification code: C10  | II | No | Limited quantities: 1 kg EMs: F-A S-B See below for additional information. |
| IATA | UN1759 | CORROSIVE SOLID, N.O.S. | Transport hazard class: 8 Label: 8 Classification code: C10  | II | No | See below for additional information. |

▼ Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR/ADN/RID / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application: People under the age of 18 shall not be exposed to this product.

Demands for specific education: No specific requirements.

SEVESO - Categories / dangerous substances: Not applicable.

Declaration of chemicals: If the product is imported or produced in more than 100 kg/year it is subject to registration in the Product Register because it is classified as hazardous.

Additional information: Tactile warning.
If this product is sold in retail, it must be delivered with child-resistant fastening.

Sources: Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.
Regulation of 15 May 2015 no. 541 on declaring chemicals to the product register (Declaration Regulations)
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

▼ Full text of H-phrases as mentioned in section 3

H272, May intensify fire; oxidiser.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

GWP = Global warming potential

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

▼ Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The classification of the substance/mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by Regulation (EC) No. 1272/2008 (CLP).

The safety data sheet is validated by

Safety Data Sheet Consulting

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle. The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: NO-en