



Revision Nr.: 8
Supersedes date: 09/10/2019
Revision date: 12/02/2021

SAFETY DATA SHEET

Safety Data Sheet dated 12/02/2021

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Seac Sub Mask Bio Gel Anti Fog

REACH Registration notes This product is not classified as hazardous, the information in this datasheet is given for guidance only.

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

Identified uses DETERGENT SOLUTION, ANTI-FOG/ANTI-CONDENSATION AGENT FOR TRANSPARENT SCREENS

1.3. Details of the supplier of the safety data sheet

Producer LOOK CLEAR S.R.L.
LEGAL OFFICE: VIA POSTALE VECCHIA 41/B - 23854 OLGINATE (LC) - ITALY
OPERATION PLANT: VIA SANT'EGIDIO 31 - 23900 LECCO (LC) - ITALY
TEL./FAX: +39.0341.19.42.248
E-MAIL: info@lookclear.it

1.4. Emergency telephone number

Emergency telephone AZIENDA OSPEDALIERA A. CARDARELLI - NAPOLI; Tel: 081/7472870 AZIENDA OSPEDALIERA "S.G.BATTISTA" - MOLINETTE DI TORINO; Tel: 011/6637637 AZIENZA OSPEDALIERA CAREGGI - FIRENZE; Tel: 055/4277238 CLINICA DEL LAVORO E DELLA RIABILITAZIONE - PAVIA; Tel: 0382/24444 ISTITUTO SCIENTIFICO "G. GASLINI" - GENOVA; Tel: 010/5636245 OSPEDALE NIGUARDA CA' GRANDA - MILANO; Tel: 02/66101029 POLICLINICO A.GEMELLI - UNIVERSITA' CATTOLICA DEL SACRO CUORE - ROMA; Tel: 06/3054343 UNIVERSITA' DEGLI STUDI DI PADOVA; Tel: 049/8275078 - UNIVERSITA' DEGLI STUDI DI ROMA "LA SAPIENZA" - ROMA; Tel: 06/49970698

SECTION 2 - HAZARDS IDENTIFICATION

With reference to the parameters for the hazards classification of a product, according to REACH Regulation n. 1907/2006, to CLP Regulation (n. 1272/2008), to 67/548/CEE and 1999/45/CE EU Directives, the product is not classified as hazardous, therefore it does not require a specific labelling.

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

2.2. Label elements

Hazard statements NC Not Classified

2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.



SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not relevant.

3.2 Mixtures

Classification Not Classified. The product is a water mixture of ionic and non-ionic surfactants easily biodegradable. It does not require a labelling with hazard symbols, risk phrases or caution advices.

The full text for all hazard statements is displayed in Section 16.

Product name Seac Sub Mask Bio Gel Anti Fog

REACH registration notes This product is not classified as hazardous, the information in this datasheet is given for guidance only.

Composition comments The data shown are in accordance with the latest EC Directives.

SECTION 4 - FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Give plenty of water to drink. Do not induce vomiting unless under the direction of medical personnel. Get medical attention if any discomfort continues.

Skin contact Remove affected person from source of contamination. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Get medical attention if any discomfort continues.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Protection of first aiders No action shall be taken without appropriate training or involving any personal risk.

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

Eye contact No known significant effects or critical hazards.

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

Notes for the doctor Treat symptomatically. Contact specialist immediately poison treatment if large quantities have been ingested or inhaled.

SECTION 5 - FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.



5.2. Special hazards arising from the substance or mixture

Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up. When heated and in case of fire, toxic vapours/gases may be formed.
Hazardous combustion Products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of the following substances: Carbon.

5.3. Advice for firefighters

Protective actions during firefighting	Evacuate area. Keep unnecessary and unprotected personnel away from the spillage. No action shall be taken without appropriate training or involving any personal risk.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	No action shall be taken without appropriate training or involving any personal risk. Evacuate area. Keep unnecessary and unprotected personnel away from the spillage. Do not touch or walk into spilled material. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet.
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6.2. Environmental precautions

Environmental precautions	Avoid discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Stop leak if possible without risk. Move containers from spillage area. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.
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6.4. Reference to other sections

Reference to other sections	Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see Section 13.
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SECTION 7 - HANDLING AND STORAGE

7.1. Precautions for safe handling

Usage precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet.
Advice on general occupational hygiene	Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Remove contaminated clothing and protective equipment before entering eating areas. Observe good chemical hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from sunlight. Store away from incompatible materials (see Section 10). Keep away from food and drink. Container must be kept tightly closed when not in use.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient comments No exposure limits known for ingredient/(s).

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Provide adequate ventilation. Good general ventilation should be adequate to control worker exposure to airborne contaminants.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. The selected gloves should have a breakthrough time of at least 8 hours. Rubber (natural, latex). To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact. Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

Hygiene measures Wash at the end of each work shift and before eating, smoking and using the toilet. Remove contaminated clothing and protective equipment before entering eating areas. Wash contaminated clothing before reuse. Eye wash facilities and emergency shower must be available when handling this product.

Respiratory protection Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. If ventilation is inadequate, suitable respiratory protection must be worn. EN 136/140/141/145/143/149.

Environmental exposure controls Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance Color Odor Odour threshold pH Initial boiling point and boiling point range Flash point Evaporation rate Evaporation factor Flammability (solid, gas) Upper/lower flammability or explosive limits Other flammability Vapor pressure Vapor density Relative density Bulk density Solubility(ies) Partition coefficient Auto-ignition temperature Decomposition Temperature Explosive properties Explosive under the influence of a flame Oxidizing properties	Clear liquid Colorless Characteristic No information available 5 to 7 No information available Non flammable No information available No information available No information available No information available No information available No information available No information available More than air 1010 g/l @ 20°C No information available Soluble in water No information available No information available No information available No information available No information available
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9.2. Other information

Other information	None.
Refractive index	No information available.
Particle size	No information available.
Molecular weight	No information available.
Volatility	No information available.
Saturation concentration	No information available.
Critical temperature	No information available.
Volatile organic compound	No information available.

SECTION 10 - STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity	No test data specifically related to reactivity available for this product or its ingredients.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Under normal conditions of storage and use, no hazardous reactions will occur.
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10.4. Conditions to avoid

Conditions to avoid	None known.
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10.5. Incompatible materials

Materials to avoid None known.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of the following substances: Carbon.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity - oral

Note (Oral DL₅₀) No information available.

Acute toxicity - dermal

Note (Dermal DL₅₀) No information available.

Acute toxicity - inhalation

Note (Inhalation CL₅₀) No information available.

Corrosion/Skin irritation

Animal data Not irritating. OECD 404.

Serious Eye Damage/Irritation

Serious Eye Damage/Irritation Not irritating. OECD 405.

Respiratory Sensitization

Respiratory Sensitization No information available.

Skin Sensitization

Skin Sensitization No information available.

Germ Cell Mutagenicity

Genotoxicity - in vitro No information available.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility No information available.

STOT - Single Exposure

STOT - Single Exposure No information available.

STOT - Repeated Exposure

STOT - Repeated Exposure No information available.

Aspiration Hazard

Aspiration Hazard No information available.

Ingestion May cause discomfort if ingested.

Toxicological information on ingredients

Acute toxicity - oral

Note (oral DL₅₀) DL₅₀ >5000 mg/kg, Oral, Rat

Corrosion/Skin irritation

Corrosion/Skin irritation No information available.

Animal data Not irritating.



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Serious Eye Damage/Irritation
Serious Eye Damage/Irritation

Not irritating.

Respiratory Sensitization
Respiratory Sensitization

No information available.

Skin Sensitization
Skin Sensitization

No information available.

Germ Cell Mutagenicity
Genotoxicity - in vitro

No information available.

Carcinogenicity
Carcinogenicity

No information available.

Reproductive toxicity
Reproductive toxicity - fertility

No information available.

STOT - Single Exposure
STOT - Single Exposure

No information available.

STOT - Repeated Exposure
STOT - Repeated Exposure

No information available.

Aspiration Hazard
Aspiration Hazard
Ingestion

No information available.
May cause discomfort if ingested.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity No specific data on environmental hazards has been pointed out; the surfactants contained in the product meet the biodegradability criteria of EC Regulation n. 648/2004 on detergents.

Ecological information on ingredients

Ecotoxicity The product components are not classified as environmentally hazardous.

12.1. Toxicity

Toxicity Not considered toxic to fish.

Aquatic Acute Toxicity

Acute toxicity - Aquatic Plants , : ,

Ecological information on ingredients

Toxicity It is not considered toxic for fish.

Aquatic Acute Toxicity

Acute Toxicity - Fish CL₅₀, 96 hours: >100 mg/L, Fish
Acute Toxicity - Invertebrates CE₅₀, 48 hours: >100 mg/L, Daphnia magna
Acute Toxicity - Aquatic Plants CI₅₀, 72 hours: >100 mg/L, Algae

12.2. Persistence and degradability

Persistence and degradability The product is easily biodegradable and complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. The data supporting this declaration are kept available to the



competent authorities of the Member States and are made available to them upon their direct request.

Ecological information on ingredients

Persistence and degradability Biodegradation

The product is biodegradable.
- >60%: 28 days
OCED 301B
The product complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. The data supporting this declaration are kept available to the competent authorities of the Member States and are made available to them upon their direct request.

12.3. Bioaccumulative potential

Bioaccumulative potential Partition coefficient

No data available on bioaccumulation.
No information available.

Ecological information on ingredients

Bioaccumulative potential Partition coefficient

No data available on bioaccumulation.
No information available.

12.4. Mobility in soil

Mobility

The product is soluble in water.

Ecological information on ingredients

Mobility

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

This product is not classified as PBT (Persistent, Bioaccumulative, and Toxic) or vPvB (very Persistent and Bioaccumulative) according to current EU criteria.

Ecological information on ingredients

Results of PBT and vPvB assessment

This product is not classified as PBT (Persistent, Bioaccumulative, and Toxic) or vPvB (very Persistent and Bioaccumulative) according to current EU criteria.

12.6. Other adverse effects

Other adverse effects

None known.

Ecological information on ingredients

Other adverse effects

None known.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

General information

Waste should be treated as controlled waste. Do not puncture or incinerate, even when empty.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.



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SECTION 14 - TRANSPORT INFORMATION

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15 - REGULATORY INFORMATION

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

EU legislation

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) (as amended).
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 (as amended).
Commission Regulation (EU) No 2015/830 of 28 May 2015.

Health and environmental listings

This product complies 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.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS

All the ingredients are listed or exempt.



Canada - DSL/NDSL

All the ingredients are listed or exempt.
DSL

US - TSCA

All the ingredients are listed or exempt.

Australia - AICS

All the ingredients are listed or exempt.

Japan - ENCS

All the ingredients are listed or exempt.

Korea - KECI

All the ingredients are listed or exempt.

China - IECSC

All the ingredients are listed or exempt.

Philippines – PICCS

All the ingredients are listed or exempt.

New Zealand - NZIOC

All the ingredients are listed or exempt.

SECTION 16 - OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
CAS: Chemical Abstracts Service.
DNEL: Derived No Effect Level.
IATA: International Air Transport Association.
IMDG: International Maritime Dangerous Goods.
Kow: Octanol-water partition coefficient.
LC₅₀: Lethal Concentration to 50 % of a test population.
LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).
PBT: Persistent, Bioaccumulative and Toxic substance.
PNEC: Predicted No Effect Concentration.
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
vPvB: Very Persistent and Very Bioaccumulative.
IARC: International Agency for Research on Cancer.
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
cATpE: Converted Acute Toxicity Point Estimate.
BCF: Bioconcentration Factor.
BOD: Biochemical Oxygen Demand.
EC₅₀: 50% of maximal Effective Concentration.
LOAEC: Lowest Observed Adverse Effect Concentration.
LOAEL: Lowest Observed Adverse Effect Level.
NOAEC: No Observed Adverse Effect Concentration.
NOAEL: No Observed Adverse Effect Level.
NOEC: No Observed Effect Concentration.
LOEC: Lowest Observed Effect Concentration.



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DMEL: Derived Minimal Effect Level.
EL50: Exposure Limit 50
hPa: Hectopascal
LL50: Lethal Loading fifty
OECD: Organisation for Economic Co-operation and Development
POW: Octanol-water partition coefficient
SCBA: self-contained breathing apparatus
STP: Sewage Treatment Plant
VOC: Volatile Organic Compounds

Classification abbreviations and acronyms

Acute Tox. = Acute toxicity
Aquatic Acute = Hazardous to the aquatic environment (acute)
Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Key literature references and sources for data

Supplier's information

The information contained herein is based upon the present state of our knowledge and is given in compliance with the current regulations criteria on dangerous substances and mixture. The product must not be used for any other purpose different from those listed in Section 1, without first having obtained written instructions. We do not assume any responsibility for improper use. It is always a responsibility of the user to comply with hygiene, safety and environmental protection practices according to the regulations in force. The information contained in this sheet is intended to describe the characteristics of the product in order to grant a correct use safeguarding the user: it must not be considered as a guarantee of properties of the product itself.

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