SAFETY DATA SHEET

Allcosil Stabiliser

1 IDENTIFICATION OF SUBSTANCE

1.1 Product Identifier:
Identification on the label/ Trade name: Allcosil Stabiliser
1.2 Relevant Identified uses of the substance and uses advised against:
1.2.1 Identified uses:
Additive to Silicone Emulsions. – Prolongs life of diluted silicone emulsion. 1.2.2 Uses advised against:
Not available
1.3 Details of the Supplier of the material safety data sheet:

Allcosil Ltd.,
Ambrose Street,
West Gorton,
Manchester,
M12 5DD.

Email: ja@allcocks.co.uk
Tel: +44 (0)161 223 7181
Fax: + 44 (0)161 223 0173

1.4 Emergency telephone number: +44 (0)161 223 7181

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

2.1.1 Classification:
Classification according to Directive 67/548/EEC or Directive 1999/45/EC: void.

2.2 Label Elements:

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" 1999/45/EC.

Hazard Pictograms:
Not applicable.
Signal Word(s):
Not applicable.
Hazard Statement:
Not applicable.
Precautionary statement:
Not applicable.

2.3 Other hazards

Not available.

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance/Mixture:
The product in question is a mixture.

3.2 Ingredients:

Dangerous Components	% by weight	CAS#	EINECS No.	Classification
Potassium Sorbate	10 – 25	24634-61-5	246-376-1	Xi R36/38 Skin Irrit. 2, H 315; Eye Irrit. 2, H319

4 FIRST-AID MEASURES

4.1 Description of first aid measures:

4.1.1 In case of inhalation:
Supply fresh air, consult doctor in case of symptoms.
4.1.2 In case of skin contact:
Wash immediately with plenty of water and soap, rinse thoroughly.
4.1.3 In case of eyes contact:
Rinse eyes thoroughly with plenty of water for at least 10 minutes while holding eyelids open. If symptoms persist, consult aphysician.
4.1.4 In case of ingestion:
Rinse mouth and drink plenty of water. Seek medical treatment.

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:
5.1.1 Suitable extinguishing media:
Water spray jet, extinguishing powder, CO_2, foam.

5.1.2 Unsuitable extinguishing media: None.

5.2 Specific Hazards arising from the substance or mixture:

Can be released in case of fie: Carbon monoxide (CO)

5.3 Advice for fire-fighters:

Wear self-contained breathing apparatus.

6 ACCIDENTAL MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel:
Wear protective clothing (see section 8). 6.1.2 For emergency responders:
Wear protective clothing (see section 8).

6.2 Environmental precautions:

Do not allow product to enter waters without treatment in a (biological) water treatment plant.

6.3 Methods of containment and cleaning up:

Collect large amounts in suitable container. Cover the rest with absorbent, mix intensively and collect mechanically.

6.4 Reference to other sections:

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

Ensure good exhaust ventilation at the workplace. Load carefully, avoid splashes.
Compliance with the minimum requirements designed to guarantee a better standard of safety and health at work is essential and health of workers.

7.2 Conditions for safe storage, including any incompatibilities:

Use polyolefin containers.
Possibility of reversible formation of crystals at temperatures < 5°C, after warming up and stirring the product can be used again. Min storage temperature: 5°C.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

None established.

8.2 Exposure controls:

8.2.1 Individual protection measures:

Eye/face protection:
Hoder / temple spectacles with side protection. (EN166)

Hand protection:
Chemical protective gloves according to DIN EN 374 with CE-labelling. After use of gloves apply skin-cleaning agents and skin cosmetics. Materials of gloves: Nitrile rubber, NBR.
Gloves made of the following materials are not suitable: Leathergloves.

Body protection:
Protective clothing.

Respiratory protection:
Not necessary if room is well ventilated.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:		
Physical		Liquid
state: Colour:		Yellow to brownish, Clear
Odour:		Odourless
pH:		8.8-9.8
Melting point/range (°C):		Not determined.
Boiling point/range (°C):		ca. 100
Flash point (°C):		Not applicable.
Evaporation rate:		Not available.
Flammability (soild,gas):		Not available.
Ignition temperature (°C):		Product is not self-igniting.
Upper/lower flammability/explosive limits:		Product is not explosive.
Vapour pressure (mbar):	@ 20°C	23
Vapour density:		Not available.
Relative Density (g cm^{-3})	@ 25°C	1.166-1.185
Solubility:		Fully miscible in water.
Auto-ignition temperature (°C):		Not available.
Decomposition temperature (°C):		Not available.
Viscosity (mm^2 s^{-1}, cSt):	@ 25°C	Not available.

10 STABILITY AND REACTIVITY

10.1 Reactivity:

Not available.

10.2 Chemical stability:

Minimum shelf life: 18 months from production date.

10.3 Possibility of hazardous reactions:

No dangerous reactions known.

10.4 Conditions to avoid:

No decomposition if used according to specifications.

10.5 Incompatible materials:

Not known.

10.6 Hazardous decomposition products:

None, if storage and handling is done according to specification.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute toxicity:
LD50 (Oral, Rat): ATE mix, 4400 mg/kg
LD50 (Dermal, Rat): ATE mix, >5000 mg/kg

Skin corrosion/irritation:
No irritant effect.

Serious eye damage/irritation:
Slightly irritant.

Respiratory or skin sensitization:
No sensitizing effect known.

Germ cell mutagenicity:
Not available.

Carcinogenicity:
Not available.

Reproductive toxicity:
Not available.

STOT- single exposure:
Not available.

STOT- repeated exposure:
Not available.

Aspiration hazard:
Not available.

12 ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

Behaviour in sewage processing plants:	
Sodium Benzoate (CAS: 532-32-1)	
EC0	> 1000 mg/l (bacteria)
Potassium Sorbate (CAS: 24634-61-5)	
EC0	> 1000 mg/l (bacteria)

If contaminated effluent water is properly entered into the sewage system, any interference with degrading activity of the activated sludge organisms is not expected.

12.2 Persistence and degradability:

The active ingredients are biodegradable up to the MIC for bacteria.

12.3 Bioaccumulative potential:

Low potential to bioaccumulate.

12.4 Additional ecological information:

AOX indication:
The product does not contain substances, which can influence the AOX of waste water.

12.5 Other adverse effects:

Aquatic toxicity:	
Sodium Benzoate (CAS: 532-32-1)	
EC50 / 48 h	> 100 mg/l (Daphnia)
IC50 / 72 h	> 10 mg/l (Scenedesmus subspicatus)
LC50 / 96 h	> 100 mg/l (Leuciscus idus m.)
Potassium Sorbate (CAS: 24634-61-5)	
EC50 /48 h	> 750 mg/l (Daphnia)
LC50 / 96 h	1250 mg/l (Fish)

12.6 General Notes:

Sewages that contain this product may not be released into the aquatic environment without preliminary treatments (biological purification plant).

Results of PBT and vPvB assessment:
PBT: This mixture does not contain substances that meet the PBT criteria of REACH, annex XIII.
vPvB: This mixture does not contain substances that meet the vPvB criteria of REACH, annex XIII.

13 DISPOSAL CONSIDERATIONS

13. 1 Waste treatment methods:

Product must be disposed of according to local regulations pertaining to the disposal of hazardous waste.

European waste catalogue	
16 00 00	Wastes not otherwise specified in the list.
16 03 00	Off specification batches and unused products
16 03 05	Organic wastes containing dangerous substances.

13.2 Product/ Packaging disposal:

Packaging can be reused or recycled after cleaning. Recommended cleaning agent: Water.

14 TRANSPORT INFORMATION

14.1 General:
Not applicable.

14.2 UN-no:
Not applicable.

14.3 Transport hazard class(es)

14.3.1 RID/ADR:
Not applicable.

14.3.2 IMO:
Not applicable.
14.3.3 IATA/ICAO:
Not applicable.

15 REGULATORY INFORMATION

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

Not applicable.

15.2 Regulations which may apply in event of accident: Control of Major Accident Hazards (COMAH):

This substance/mixture is not subject to ordinance on industrial accidents (substance list, Annex I).

15.2 Chemical safety assessment:

Chemical safety assessments for substances in this mixture were not carried out.

16 OTHER INFORMATION

16.1 Relevant phrases:
H315 Causes skin irritation.
H319 Cause serious eye irritation.
R36/38 Irritating to eyes and skin.

Issued by:
Allcosil Ltd.
SDS No.:
WEB01
Date:
07/2025

For any further information please contact **Allcosil Ltd.**

DISCLAIMER: All information and instructions provided in these Safe Handling Instructions (SHI) are based on the current state of scientific and technical knowledge at the date indicated on the present SHI. Allcosil Ltd. shall not be held responsible for any defect in the product covered by this SHI, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge. **Dated:07/2025**