SAFETY DATA SHEET
Allcosil 356

1 IDENTIFICATION OF SUBSTANCE

1.1 Product Identifier:
Identification on the label/ Trade name: Allcosil 356

1.2 Relevant Identified uses of the substance and uses advised against:
1.2.1 Identified uses Food Grade Mould Release Agent.
De-nesting/ Slip agent for food packaging industry.

1.2.2 Uses advised against: Not available

1.3 Details of the Supplier of the safety data sheet:
Allcosil Ltd.,
Ambrose Street
West Gorton
Manchester
M12 5DD
Tel: +44 (0)161 223 7181 Fax: + 44 (0)161 223 0173 Email: ja@allcocks.co.uk

1.4 Emergency Telephone Number: +44 (0)161 223 7181

2 HAZARDS IDENTIFICATION

2.1 Classification and labelling according to Regulation (EC) 1907/2006 (REACH):

Serious eye damage/eye irritation – Category 1 – (H318)

2.1.1 Classification of the substance or mixture
This product is a mixture and contains: Isotridecanol, branched, ethoxylated

2.2 Label Elements



Signal Word: DANGER

Hazard statements: H318 – Causes serious eye damage

Precautionary statements - EU (§28, 1272/2008)
P280 – Wear protective gloves/protective clothing/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
P310 – Immediately call a POISON CENTER or doctor

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:

Chemical name	EC No	CAS No	REACH registration no	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Weight - %
Isotridecanol, branched, ethoxylated	No data available	69011-36-5	No data available	Eye Dam. 1 (H318) Aquatic Chronic 3 (H412) Acute Tox. 4 (H302)	1 - 5
Sodium Metabisulphide	231-673-0	7681-57-4	01-2119531326-45	Eye Dam. 1 (H318) ??	<1

7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

Keep container tightly closed. Avoid contact with skin and eyes. Avoid inhalation of vapour, spray or mist. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Put on appropriate personal protective equipment (see section 8). Always keep in containers made from the same material as the original one. Comply with the health and safety at work laws.

7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a dry, well-ventilated space. Do not use pressure to empty drum. Store in accordance with local regulations. Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep away from sources of ignition. Keep away from: oxidizing agents, strong alkalis, strong acids. No smoking.

Prevent unauthorized access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Storage temperature: > 5°C

7.3 Specific end use(s):

Risk Management Methods (RMM) – the information required is contained in this Safety Data Sheet

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

Exposure Limits

Chemical name	United Kingdom
Sodium Metabisulphite	STEL .15mg/m^3
7681-57-4	TWA: 5mg/m^3

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

8.2 Exposure controls:

Engineering controls: Eyewash stations

Eye/face protection: Tight sealing safety goggles

Hand protection: wear protective gloves. To protect the wearer, gloves must be the correct fit and be used properly. Ensure that the breakthrough time of the glove material is not exceeded. Refer to the glove supplier for information on breakthrough times for specific gloves. Gloves must conform to standard EN374.

Skin and body protection: suitable protective clothing, for gloves see above.

Respiratory protection: None under normal conditions.

Environmental controls: Local authorities should be advised if significant spillages cannot be contained.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance		Off white Silicone emulsion
Physical State		Liquid
Colour		White
Odour		Characteristic
pH		Not available
Melting Point/Range	°C	> 150 °C
Boiling Point/Range	°C	Not available
Flash Point	°C	>100 (Closed cup)
Viscosity	mm^2 s^{-1}, cSt	>80
Relative Density	g cm^{-3}	0.986
Solubility		Soluble in water in any proportion
Explosive properties		No information available
Oxidising properties		No information available

10 STABILITY AND REACTIVITY

10.1 Reactivity:

Not available.

10.2 Chemical stability:

Stable under recommended storage and handling conditions (see section 7)

10.3 Possibility of hazardous reactions:

None under normal conditions

10.4 Conditions to avoid:

When exposed to high temperatures may produce hazardous decomposition products.

10.5 Incompatible materials:

Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, and strong acids.

10.6 Hazardous decomposition products:

Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute toxicity:

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation	no data available.
Eye Contact	no data available.
Skin Contact	no data available.
Ingestion	no data available.
Unknown acute toxicity	0% of the mixture consists of ingredient (s) of unknown toxicity.

Skin corrosion/irritation	No information available.
Serious eye damage/irritation	No information available.
Sensitisation	No information available.
Germ Cell Mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive Toxicity	No information available.
STOT – single exposure	No information available.
STOT – repeated exposure	No information available.
Aspiration Hazard	No information available.

12: ECOLOGICAL INFORMATION

12.1 Toxicity

2.02611% of the mixture consists of component (s) of unknown hazards to the aquatic environment.

Product Information

Acute (short term) algae toxicity EC50 No information available.

ECO	No information available.
IC50	No information available.
ICO	No information available.
ErC50	No information available.
EbC50	No information available.

Acute (short term) fish toxicity

LC50	No information available.
LC0	No information available.
EC50	No information available.
EC0	No information available.

Acute (short term) aquatic invertebrate toxicity

EC50	No information available.
ECO	No information available.

Chronic (long term) algae toxicity

NOEC	No information available.
LOEC	No information available.

Chronic (long term) fish toxicity

NOEC	No information available.
LOEC	No information available.

Chronic (long term) aquatic invertebrate toxicity

NOEC	No information available.
LOEC	No information available.

Component Information

Chemical name:	Algae/aquatic plants	Fish	Crustacea
Fatty Alcohol Ethoxilate	EC50: approx.. 5mg/l (72h)	LC50 approx 5mg/l (96h)	EC50 approx. 5mg/l (48h)
Sodium Metabisulpite	40: 96h Desmodesmus	LC50: 178 mg/l (96h)	EC50: 89mg/l (Daphnia magna
	Subspicatus mg/l EC50 48: 72h		48h)
	Desmodesmus subspicatus		
	EC50		

12.2 Persistence and degradability

No information available.

Biodegradation

Biodegradation	No information available.
BOD	No information available.
ThCO²	No information available.
DOC	No information available.

12.3 Bioaccumulative potential

No information available.

Chemical name Sodium Metabisulphite Partition coefficient -3.7

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This substance is not considered to be very persistent nor very bioaccumulating (vPvB). This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB)

12.6 Other adverse effects.

No information available.

13 DISPOSAL CONSIDERATIONS

13. 1 Waste treatment methods:

Waste from residues/unused products	Disposal should be in accordance with applicable regional, national and local regulations.
Contaminated packaging	Contaminated packages must be completely emptied and can be re-used following proper cleaning. Clean IBCs or drums at approved facility. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.

14 TRANSPORT INFORMATION

ADR

14.1	**UN/ID no**	Not regulated.
14.2	**Proper Shipping Name**	Not regulated.
14.3	**Hazard Class**	Not regulated.
14.4	**Packing Group**	Not regulated.
14.5	**Environmental Hazard**	Not regulated.
14.6	**Special Provisions**	**None**

RID

14.1	**UN/ID no**	Not regulated.
14.2	**Proper Shipping Name**	Not regulated.
14.3	**Hazard Class**	Not regulated.
14.4	**Packing Group**	Not regulated.
14.5	**Environmental Hazard**	Not regulated.
14.6	**Special Provisions**	**None**

IMDG

14.1	**UN/ID no**	Not regulated.
14.2	**Proper Shipping Name**	Not regulated.
14.3	**Hazard Class**	Not regulated.
14.4	**Packing Group**	Not regulated.
14.5	**Marine Pollutant**	Not applicable
14.6	**Special Provisions**	None
14.7	**Transport in bulk according to Annex 11 of MARPOL 73/78 and the IBC Code**	No information available

IATA

14.1	**UN/ID no**	Not regulated.
14.2	**Proper Shipping Name**	Not regulated.
14.3	**Hazard Class**	Not regulated.
14.4	**Packing Group**	Not regulated.
14.5	**Environmental Hazard**	Not regulated.
14.6	**Special Provisions**	None

15 REGULATORY INFORMATION

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

National Regulations
See Section 8 for national exposure control parameters.

Chemical name	Sodium Meta bisulphite	7681-57-4

Storage Class 10

European Union
Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

International Inventories

All of the components in the product are on the following inventory lists. TSCA (United States): Europe (EINECS/ELINCS/NLP)

15.2 Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out. Chemical safety assessments for substances in this mixture were not carried out.

16 OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3
R41 – Risk of serious damage to eyes

Full text of H – statements referred to under section 2 and 3
H318 – Causes serious eye damage
H302 – Harmful if swallowed

This material safety Data sheet complies with the requirements of Regulation (EC) No. 1907/2006

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Allcosil Ltd.

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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**