SAFETY DATA SHEET

Allcosil 460

Date : 07/2025

1. IDENTIFICATION OF SUBSTANCE

1.1 Product Identifier:

Identification on the label/trade Name: Allcosil 460

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 material safety data sheet:

Allcosil Ltd.
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West Gorton, **Email. ja@allcocks.co.uk**
Manchester, **Tel: +44 (0) 161 223 7181**
M12 5DD **Fax: +44 (0) 161 223 0173**

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

2. HAZARDS IDENTIFICATION

2.1. Classification and labelling according to Regulation (EC) 1907/2008 (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 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	69011-36-5	No data available	Eye Dam. 1 (H318) Aquatic Chronic 3 (H412) Acute Tox. 4 (H302) Eye Dam. 1 (H318)	1 – 5

4 FIRST – AID MEASURES

4.1 Description of first aid measures:

4.1.1 In case of inhalation:

Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration, or oxygen by trained personnel. Call a doctor.

4.1.2 In case of skin contact:

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

4.1.3 In case of eye contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention / advice.

4.1.4 In case of ingestion:

If swallowed, seek medical advice Immediately and show this container or label. Keep person warm and at rest, drink plenty of water afterwards. Do NOT induce vomiting.

4.2 Most important symptoms and effect, both acute and delayed:

Causes serious eye damage.

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

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:

5.1.1 Suitable extinguishing media:

Alcohol – resistant foam, CO_2, powders, water.

5.1.2 Unsuitable extinguishing media:

Do not use water jet. As it may scatter the fire.

5.2 Specific Hazards arising from the substance or mixture:

Fire will produce dense black smoke. Thermal decomposition of product can lead to the release of irritating and toxic gases and vapours (Carbon Dioxide (CO_2) Carbon Monoxide (CO) Nitrogen Oxides (NO_x))

5.3 Advice for fire -fighters:

Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Wear self-contained breathing apparatus and protective suit. Do not release run-off from fire to drains or watercourses.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Exclude sources of ignition and ventilate the area. Avoid breathing vapour or spray. Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions:

Do not allow to enter drains or watercourses. If the product contaminates lakes, or sewers, inform the appropriate authorities in accordance with local regulations.

6.3 Methods of containment and cleaning up:

Contain and collect spillage with non-combustible, absorbent material eg. Sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Preferably clean with a detergent. Avoid using solvents.

6.4 Reference to other sections:

See for 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:

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:

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 oxidising agents, strong alkalis, strong acids. No smoking.

Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Storage temperature > 5^0C standard

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.

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:	**C**
Melting point / range (°C):	**Not available**
Boiling point / range (°C):	**≥ 100 °C**
Flash point (°C):	**Closed cup: > 150 °C [THEORETICAL]**
Evaporation rate:	**Not available**
Flammability (solid, gas);	**Not available**

Upper / lower flammability / explosive limits	Not available
Vapour pressure @ 20°C	≤ 23 hPa
Vapour density:	Not available
Relative Density (gcm^{-3}) @25°C	0.986 g cm^3
Solubility	Soluble in water in any proportion
Auto-ignition temperature (°C)	Not available
Decomposition temperature (°C)	Not available
Viscosity ($mm^2 s^{-1}$, cSt): @Kinematic (20°C)	> 80

9.2 Other Information:

SADT	Not 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:

Not available.

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:

Oxidising agents, strong alkalis, and strong acids.

10.6 Hazardous decomposition products:

Decompositions 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:

Chemical name	Oral LD50,
Isotridecanol, branched, ethoxylated	1140 mg/kg (Rat)

Skin corrosion / irritation:

Not available

Serious eye damage / irritation:

Not available.

Respiratory or skin sensitisation:

Not available.

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

There is no data available on the preparation itself. Do not allow to enter the drains or watercourses. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous to the environment.

12.1 Ecotoxicity:

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Isotridecanol, branched, ethoxylated.	EC50: approx..5.5mg/l (72h)	LC50 approx 5.5mg/l (Leuchous idus 96h DIN38412-15)NOEC: Approx..0.55mg/l	EC50: approx. 5.5mg/l. (Daphnia Magna 48h)

12.2 Persistence and degradability:

Chemical name	Biodegradation
Isotridecanol, branched, ethoxylated (69011-36-5)	Biodegradation: >=90% (OECD301E modified) Biodegradation >60% (672h OECD301B

12.3 Bioaccumulative potential:

Not available.

12.4 Mobility in soil:

Not available.

12.5 Results of PBT and vPvB assessment:

PBT: P: Not available. B; Not available T: Not available

vPvB: Vp: Not available. vB: Not available.

12.6 Other adverse effects:

AOX: Not available.

13. DISPOSAL CONSIDERATIONS.

13.1 Waste Treatment Methods:

13.1.1 Methods of disposal:

The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and

non-recyclable products via a licenced waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid disposal of spilled and runoff and contact with soil, waterways, drains and sewers.

13.1.2 European waste catalogue (EWC):

Do not allow to enter drains or watercourses, Dispose of according to all federal, state and local applicable regulations. The European Waste Catalogue classification, when disposed of as waste, is: 08 03 13 waste ink other than those mentioned in 08 03 12 if this product is mixed with other wastes, this code may no longer apply. If mixed with other wastes, the appropriate code should be assigned. For further information , contact your local waste authority.

13.1.3 Hazardous wastes

No.

13.2 Product / packaging disposal:

Not available.

14 TRANSPORT INFORMATION

14.1 General:

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.2 UN-no:

Not available

14.3 Transport hazard class(es)

14.3.1 RID/ADR:

Not available

14.3.2 IMDG:

Not available.

14.3.3 IATA/ICAO:

Not available.

15 REGULATORY INFORMATION

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

15.1.1 EU Regulations

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments. See sections 2 and 3 for details.

15.1.2 VOC content

<1%

15.1.3 Europe inventory

All components are listed / exempted

15.1.4 Industrial Use

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

15.2 Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

16 OTHER INFORMATION

Issued by:

Allcosil Ltd.

SDS Issue

Date: 07/2025

For 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. Date: 07/2025**