

SAFETY DATA SHEET (SDS)

SDS Compliant with REACH Regulation (EC) No 1907/2006 – N° 453/2010

Multipurpose Softener

Version No. 1

14/11/19

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

1.1. Product identifier.	Product Name: Multipurpose Softener	
1.2. Relevant identified uses of the substance or mixture and uses advised against.	Identified uses: Softening of putties and glazing compounds Uses advised against: Any other use than the advised purpose.	
1.3. Details of the supplier of the datasheet.	Hodgson Sealants (Holdings) Limited Belprin Road Beverley East Yorkshire HU17 0LN	Tel: + 44 (0)1482 868321 Fax: + 44 (0)1482 679337 E-mail: SDS@hodgsonsealants.com
1.4. Emergency Phone Number (UK Office Hours Only: 9am to 5pm)	Tel: E-mail:	+44(0)333 600 2424 24-7emergencyadvice@ohes.co.uk

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture. <u>2.1.1. Classification according to regulation (EC) No 1272/2008 [CLP].</u>	See SECTION 16 This mixture does not meet the criteria for classification in accordance with regulation (EC) No 1272/2008 [CLP].
2.2. Label elements. <u>2.2.1. Classification according to regulation (EC) No 1272/2008 [CLP].</u>	This mixture does not meet the criteria for classification in accordance with regulation (EC) No 1272/2008 [CLP]. Signal word; Not applicable Hazard statements; Not applicable Precautionary Statements – Prevention; Not applicable Precautionary Statements – Response; Not applicable Additional information: EUH210 : Safety data sheet available upon request.

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SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

Description of mixture: Linseed oil

Name	CAS No.	EC No.	REACH Registration No.	% (weight)	Classification according to Regulation (EC) No 1278/2008 (CLP).
Linseed oil	8001-26-1	232-278-6	-	100	Exempt under Annex V

Additional information: For full text of H-statements and R-phrases: see SECTION 16.

Non-classified vPvB substance

This product does not contain any substances classified as Substances of Very High Concern (SVHCs).

A naturally occurring triglyceride vegetable oil derived from the seed of the flax plant *Linum usitatissimum*.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Following inhalation:

Provide fresh air.

Following skin contact:

Remove contaminated clothing. Wash skin with plenty of soap and water for 10-15 minutes. Seek medical advice in case of irritation.

Following eye contact:

Rinse immediately with plenty of water. Seek medical advice in case of irritation.

Following ingestion:

Give several small portions of water to drink. Do not induce vomiting.

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

The product is considered as low hazard under normal conditions of use.
Treat symptomatically.

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

Further toxicology information is available in SECTION 11.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media;

Water mist, dry powder, alcohol-resistant foam, carbon dioxide or sand.

Unsuitable extinguishing media;

Water spray or water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products;

Carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot.

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5.3. Advice for firefighters

Keep upwind to avoid inhalation of gases, vapours, fumes and smoke.
Ventilate closed spaces before entering them. Move containers from fire area if it can be done without risk.
Use water SPRAY only to cool containers! Do not allow water to contact any leaked material.
Keep run-off water out of sewers and water sources. Dike for water control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures.

6.1.1. For non-emergency personnel.

Protective equipment:

Emergency procedures:

Wear personal protective equipment (see SECTION 8).
Keep unprotected persons away. Avoid contact with skin and eyes. Avoid inhaling mists and vapours.

6.2. Environmental precautions:

Prevent material from entering surface waters, drains or sewers and soil.
Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers.

6.3. Methods and material for containment and cleaning up.

6.3.1. For containment:

Do not flush away with water. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers.

Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner.

No further data available.

6.3.2. For cleaning up:

6.3.3. Other information:

6.4. Reference to other sections

See SECTION 8 and 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Usage precautions:

Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets. Contaminated rags and cloths must be put in fireproof containers for disposal. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

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Advice on general occupational hygiene:	Do not eat, drink or smoke when using this product. Take off immediately all contaminated clothing and wash it before reuse. Wash contaminated skin thoroughly after handling.
7.2. Conditions for safe storage, including any incompatibilities.	Avoid contact with oxidising agents. Store in closed original container at temperatures between 8°C and 28°C.
7.3. Specific end use(s).	Specified in SECTION 1.2.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Maximum airborne concentrations at the workplace:

Name	CAS No.	Type	Mg/m ³	ppm
-				

8.2. Exposure control

8.2.1. Appropriate engineering controls:

8.2.2. Personal protection equipment

8.2.2.1. Eye face protection:

8.2.2.2. Skin protection:

8.2.2.3. Hygiene measures:

8.2.2.4. Respiratory protection:

8.2.2.5. Thermal hazards:

8.2.3. Environmental exposure controls:

Provide adequate ventilation.

Wear suitable protective clothing.

Chemical splash goggles and face shield.

Although the product is not classified as a skin irritant, the wearing of gloves is recommended for people with sensitive skin or for prolonged or repeated use. Wear protective gloves made of the following material: Nitrile rubber.

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Good personal hygiene procedures should be implemented.

If used in accordance with section 7 of this MSDS the use of respiratory protection should not be required. Respiratory protection may be required if excessive airborne contamination occurs.

Not applicable.

Keep container tightly sealed when not in use. Store in a demarcated bunded area to prevent release to drains and/or watercourses.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

- a) **Appearance:** Coloured liquid.
- b) **Odour:** Characteristic / low.
- c) **Odour Threshold:** No data available.
- d) **pH:** Not relevant
- e) **Melting point / freezing point:** Not applicable.
- f) **Initial boiling point and boiling range:** 100 C.
- g) **Flash point:** >150°C
- h) **Evaporation rate:** No data available.
- i) **Flammability (solid, gas):** No data available.
- j) **Upper / lower flammability or explosive limits:** No data available.

- k) **Vapour pressure:** No data available.
- l) **Vapour density:** No data available.
- m) **Relative Density:** 0.933 g/ml (water =1)
- n) **Solubility (ies) (water):** Immiscible with water.
- o) **Partition coefficient: n-octanol / water:** No data available.
- p) **Auto-ignition temperature:** No data available.
- q) **Decomposition temperature:** No data available.
- r) **Viscosity:** 0.5 poise @ 25°C
- s) **Explosive properties:** Not explosive (EC A 9, closed cup).
- t) **Oxidising properties:** None

9.2 Other Information:

Volatile Organic Compounds (VOCs)

There are no VOCs present.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of Hazardous Reactions

See section 6 for auto-ignition hazard of oil soaked rags / absorbents.
Stable at normal ambient temperatures and when used as recommended.
Exposure to sunlight may cause a bleaching effect.
Under normal conditions of storage and use, no hazardous reactions will occur. Although the oil itself is not classified as hazardous, every attention must be drawn to the danger of spontaneous combustion. DANGER OF SPONTANEOUS COMBUSTION. AFTER USE, ANY CLOTHS OR RAGS SHOULD BE WASHED IN WARM SOAPY WATER TO REMOVE THE OIL. EVEN AFTER WASHING THE RAGS MUST NEVER BE CRUMPLED INTO A BALL BUT SPREAD OUT AND DISPOSED OF. USE SYNTHETIC FIBRE CLOTHS WHERE POSSIBLE AS NATURAL FIBRES, ESPECIALLY COTTON, INCREASE THE CHANCES OF SPONTANEOUS COMBUSTION. See section 6 and 16.

10.4 Conditions to Avoid

Avoid excessive heat for prolonged periods of time. Avoid exposure to high temperatures or direct sunlight.

10.5 Incompatible Materials

Acids. Alkalis. Copper. Strong oxidising agents.

10.6 Hazardous decomposition products

In case of fire, irritating fumes and smoke will be evolved.

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SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity (oral, dermal, inhalation):

ATE >2000 mg/kg

Skin corrosion / irritation:

Prolonged contact may cause dryness of skin.

Serious eye damage / irritation:

May cause temporary eye irritation.

Respiratory or skin sensitisation:

Unlikely to be hazardous.

Germ cell mutagenicity:

Not classified.

Carcinogenicity:

Not classified.

Toxicity for reproduction:

Not classified.

STOT – single exposure

Not classified.

STOT – repeated exposure

Not classified.

Aspiration hazard:

Not classified.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity:

Not regarded as dangerous for the environment.

Acute aquatic toxicity:

Not classified.

Chronic aquatic toxicity:

Not classified.

12.2. Persistence and degradability:

By analogy with rapeseed oil, expected to be >98% after 21 days when tested to the OECD 301B method.

12.3. Bioaccumulative potential:

No data available

12.4. Mobility in soil:

No data available

12.5. Results of PBT and vPvB testing:

The substance is not considered to be PBT or vPvB.

12.6. Other adverse effects:

None known

12.7. Additional information:

No data available

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SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:	The generation of waste should be minimised or avoided wherever possible. Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Rags and the like, moistened with flammable liquids, must be discarded into designated fireproof bucket.
13.1.1. Product / packaging disposal: Waste codes / waste designations according to LoW:	Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical. Larger quantities should be treated in a suitable plant or disposed of via a licensed waste disposal contractor. Waste liquid components should be suitable for incineration at an approved facility. Waste liquid can be classified as organic waste with the European waste code 16 03 05. Waste absorbents and wiping cloths contaminated with linseed oil should be classed as waste code 15 02 03.
13.1.2. Waste treatment-relevant information:	No data available.
13.1.3. Sewage disposal-relevant information:	No data available.
13.1.4. Other disposal recommendations:	No data available.

SECTION 14. TRANSPORT INFORMATION

	Road ADR	Railway RID	Sea - IMDG Code	Air – ICAO-TI/IATA-DGR
14.1. UN Number	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing Group	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards	Not regulated	Not regulated	Not regulated	Not regulated
14.6. Special precautions for user	Not regulated	Not regulated	Not regulated	Not regulated
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code"	Not regulated	Not regulated	Not regulated	Not regulated

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SECTION 15. REGULATORY INFORMATION

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

The product has been assessed in accordance with CHIP and CLP.

15.2 Chemical Safety Assessment.

A chemical safety assessment has not been carried out.

SECTION 16. OTHER INFORMATION

Indication of changes:

Section changed from previous version:

Abbreviations / Acronyms used:

CLP – Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

CAS# - Chemical Abstracts Service number.

PBT - Persistent, Bioaccumulative and Toxic substance.

VPvB - Very Persistent and Very Bioaccumulative.

UN - United Nations.

REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

Full text of H- and EUH- statements:

According to Regulation (EC) No 1278/2008 (CLP/ GHS);

EUH 210 – Safety data sheet available on request.

This Product Safety Data Sheet was prepared in compliance with article 31 and Annex II of the EU REACH regulation as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

This product should only be used as stated in Hodgson literature. It is the responsibility of the persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose of or in any way come in to contact with the product. If the recipient subsequently produces a formulation containing the Hodgson product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Hodgson Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with article 31 and Annex II of the EU REACH regulation.

All information and instructions provided in the Product Safety Data Sheet are based on the current state of scientific and technical knowledge at the date indicated on the present Product Safety Data Sheet. Hodgson shall not be held responsible for any defect in the product covered by this Product Safety Data Sheet, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.