



SAFETY DATA SHEET

Issue date: 07-11-2011

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	Linseed Oil Soap Extra
1.2 Relevant identified uses of the substance or mixture and uses advised against	For washing and cleaning purposes. Most suitable identified uses: Sector Use - SU: SU19 Building and construction work SU20 Health services SU21 Private households (= general public = consumers) SU22 Professional uses: Public domain Process categories [PROC]: PROC10. Roller application or brushing PROC11 Non industrial spraying PROC19 Hand-mixing with intimate contact and only PPE available Environmental Release Categories: Wide dispersive outdoor use of processing aids in open systems
1.3 Details of the supplier of the safety data sheet	
Supplier/Importer EU	Allbäck Linoljeprodukter AB
Address	Östra Balkåkravägen 18 SE-271 91 Ystad Sweden
Telephone number	+46-411-606 02
Fax	+46-411-602 41
Contact person	Sonja Allbäck
e-post	allback@allbackpaint.com
1.4 Emergency telephone number	24 hours service is available at NHS Direct in UK: Phone 0845 46 47 or call 112 or 999 See. www.nhsdirect.nhs.uk
MSDS issued by	Ann Martens, Ramböll Sverige AB, +46 (0)10-615 54 47

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Not classified as hazardous for health or environment.

2.2 Label elements

No hazard label required.

Other label required according to DSD

"Safety data sheet for professional users available upon request"



2.3 Other hazards

None specific.

Section 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

EC-no	CAS-no	Reg-no REACH	Name of component	Conc. wt/wt	Classification	Com.
268-920-7	68154-76-7	Se section 16.	Linseed oil	3-5 %	-	-
200-578-6	64-17-5	Not given by supplier	Ethanol	2-3 %	CLP: Flam. Liquid 2; H225 DSD: F; R11	WEL
231-791-2	7732-18-5	-	Water	92-95 %	-	-

Explanation of abbreviations:

CAS-nr. = Chemical Abstracts Service; EU-nr (Einecs- or Elincsnr) = European Inventory of Existing Commercial Chemical Substances or European List of Notified Chemical Substances, DSD = Dangerous Substance Directive. CLP = Regulation Classification and Labelling of Packages.

Content specified as; %, %wt/wt, %vol/wt, %vol/vol, mg/m³, ppb, ppm, wt%, vol%.

WEL = The product have a workplace exposure limit, PBT = The product is declared since it 's a PBT- or a vPvB-substance.

Comments: Linseed oil soap contains mainly natural triglycerides from oleic, linoleic, cetylic acid, linolenic acid and stearic acid. CAS 8554-56-3 is also possible for the product.

For risk phrases in plain text, see section 16.

Section 4: First aid measures

4.1 Description of first aid measures	
Inhalation	Not relevant, except when spraying the product. If irritation occurs, move to fresh air and rest.
Skin contact	Wash the skin with water.
Eye contact	Remove contact lenses. Rinse the eyes for a couple of minutes. If symptoms persist, seek a physician.
Ingestion	Drink copious amounts of milk. The product is a laxative in large amounts, but no risk for intoxication.
4.2 Most important symptoms and effects, both acute and delayed	
Inhalation	May cause some transient irritation to the respiratory tract.
Skin contact	Has no effect on skin.
Eye contact	Provides transient mild irritation.
Ingestion	Laxative.



4.3. Indication of any immediate medical attention and special treatment needed	Access to water for rinsing eyes at the working place.
--	--

Section 5: Firefighting measures

5.1 Extinguishing media a. Recommended Extinguishing media b. Not Recommended Extinguishing media	a. The product can not be ignited due to a high water content. For surrounding fire use powder, foam, carbon dioxide or water spray depending on what is burning b. Foam containing substances that are harmful for the environment, i.e. Perfluoro octane sulfonate (PFOS) and Nonyl ethoxylate
5.2 Special hazards arising from the substance or mixture	None
5.3 Advise for firefighters	Wear self contained breathing apparatus for fire fighting if necessary.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures	
6.1.1. For non-emergency personnel	For personal protection equipment see section 8. Wash skin or contaminated clothes with water.
6.1.2 For emergency responders	Wash with water.
6.2 Environment precautions	Prevent discharge in the sewage system.
6.3 Methods and material for containment and cleaning up 6.3.1. Surrounding embankment /sealing 6.3.2 Recommended cleaning up measures 6.3.3 Non-recommended measures	Make embankments with sand or other inert absorbent and collect. Small amounts can be washed away with water. The product is easily biodegradable in nature.
6.4 Reference to other sections	For personal protection see section 8. For disposal of waste, see section 13.

Section 7: Handling and storage

7.1 Precaution for safe handling	Avoid spills and prevent large quantities of the product to reach sewage system or surface water. Avoid eating, drinking and smoking in the working area. Wash hands after using the product. Remove contaminated clothing before meals are taken
7.2 Condition for safe storage, including any incompatibilities	Store the product at room temperature. Store out of reach of children and away from food.
7.3 Specific end use(s)	No specific end uses.



Section 8: Exposure controls/personal protection

8.1 Control parameters

National occupational exposure limits values, EH 40, 2005 with updates

CAS-nr	Substance name	WEL 8 h	WEL 5 min	WEL 15 min
64-17-5	Ehtanol	1000 ppm 1920 mg/m ³	-	-

WEL=Workplace Exposure Limit

PNEC and DNEL/DMEL

CAS-nr	Substance name	PNEC (kind of environment)	DNEL (way of exposure)	Exposure-scenario Appendix nr.	Com .
64-17-5	Ethanol	PNECaqua (freshwater) 0,96 mg/L PNEC (marine) 0,79 mg/L PNEC freshwater (intermittent) 2,75 mg/L PNEC STP 580 mg/L PNEC sediment (freshwater) 3,6 mg/kg sediment dw PNEC sediment (havsvatten) 2,9 mg/kg sediment dw PNEC soil 0,63 mg/kg dw PNEC oral (food) 0,72g/kg food	Workers Acute exposure local effect DNEL inhalation 1900 mg/m ³ Long term exposure systemic effect DNEL Dermal 350 mg/kg bw/day DNEL Inhalation 950 mg/m ³ For other DNEL: See registration of Ethanol	Lacking	

Biological limit values	None
Recommended surveillance procedure	None

8.2 Exposure controls

8.2.1 Recommended technical control measures	None
8.2.2 Individual protection measures, e.g. personal protection equipment	



Eye/face protection	None. During spraying the product use safety goggles.
Skin protection i) Hand protection (material, thickness, breakthrough time) ii) Other protection	i) None. ii) Normal working clothes. No special protection
Respiratory protection	If occupational exposure value for ethanol is surpassed use a half mask with particle filter P2 (for oil aerosols) and filter A (organic vapours).
8.2.3 Environmental exposure limits	Avoid large leakage to surface water or sewage system

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance/Form /State	Liquid
Odour	Characteristic soap or linseed oil.
pH	8.5-9
Melting point/freezing point	Appr. 0 °C
Initial boiling point and boiling range	Appr. 100 °C
Flash point	Not relevant. The product contains a very low amount of ethanol
Evaporation rate	Not determined
Flammability	Not determined
Upper/lower flammability or explosive limits	Not determined
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	0.99 kg/l
Solubility	Linseed soap is miscible with water. The product is partly soluble in several solvents, but it is not recommended to mix with organic solvents.
Partition coefficient n-octanol/water	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	None
Oxidizing properties	None
VOC content	< 33 g/l

9.2 Other information

-

Section 10: Stability and reactivity

10.1 Reactivity	The product is not reactive during normal handling and storage conditions.
10.2 Chemical stability	Stable at normal storing conditions
10.3 Possibility of hazardous	None



reactions	
10.4 Conditions to avoid	Do not store above normal room temperature and below +4 °C
10.5 Incompatible materials	Strong acids, bases and oxidizing agents.
10.6 Hazardous decomposition products	None

Section 11: Toxicological information

Substances

11.1 Information on toxicological effects

a) Acute toxicity

Short term exposure

Ingestion: The product is probably a mild laxative and ingestion of small amounts will not give any symptoms. Ethanol in the product will give symptoms in the central nervous system if large amounts are ingested.

Inhalation: Not relevant. Only a risk when spraying the product. The product could in this case cause minor irritation to respiratory tracts and ethanol in the product can affect the central nervous system.

Eye contact: Could cause mild transient irritation if contact with the eyes

Skin contact: Gives no effect on the skin

Long term exposure:

Ingestion: Ethanol in the product can affect the liver or the central nervous system. For linseed soap data is lacking.

Inhalation: Ethanol in the product can affect the central nervous system. For linseed soap data is lacking.

Eye contact: Repeated exposure may cause irritation to the eyes, but will probably not give any remaining effect on the eye.

Skin contact: Repeated contact might dry the skin and cause irritation or atopic eczema, but during normal use the risk is low.

b) Skin corrosion/irritation: The product is not corrosive to the skin.

c) Serious eye damage/irritation:

The product will not give serious eye damage or eye irritation.

d) Respiratory or skin sensitisation: The product is not sensitizing. There is no known sensitizing effect of linseed oil, but no data is found.

e) Germ cell mutagenicity: No known effects.

f) Carcinogenicity: No known effects.

g) Reproductive toxicity: No known effects.

h) STOT-single exposure No known effects.

i) STOT-repeated exposures No known effects.

j) Aspiration hazard (No known effects.

k) Other information -

Section 12: Ecological information

12.1 Toxicity

Acute toxicity

Linseed oil has low toxicity for aquatic organisms and this is probably also the case for linseed soap.

Long term toxicity. The product will probably not have any adverse long term effect for the aquatic environment, but data is lacking.



Terrestrial organisms: The product is probably not harmful for terrestrial organism, but data is lacking.

Plants The product is probably relative harmless for plants, but data is lacking.

Effects on micro-organisms living in wastewater treatment plants

The product has no known effect on microorganism living in waste water plants.

12.2 Persistence and degradability

The product is probably easy degradable, but data is lacking.

12.3 Bioaccumulative potential

The product will not bioaccumulate.

12.4 Mobility in soil

The product is water soluble but probably easily degradable and thus the mobility in soil will not be so high.

12.5 Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substance.

12.6 Other adverse effects

None known.

Section 13: Disposal consideration

13.1 Waste treatment methods	a) Emptied plastic package are sorted as hard plastic. The packaging consists of polypropylene. The product be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. b) There are no physical/chemical properties that may affect the waste treatment solutions. c) Larger residues should not be released to the sewage system. No special security measures concerning waste treatment methods are needed.
Waste codes (EWC)	Depends where the waste is produced, but suitable codes are 07 01 99 or 08 01 17.
The product is classified as hazardous waste	No.
Waste codes (EWC) for the container	Suitable code for the packages are 20 01 39.
A not thoroughly cleaned container is considered dangerous waste	Ja/nej
Other information	Se avsnitt 8 för personlig skyddsutrustning när avfall ta som hand.

Section 14: Transport information

General	Not classified as hazardous goods
14.1 UN number	-
14.2 UN Proper Shipping Name	-

P:\64mas2\6706\61670618429\5-A_PROJ\DOK\SDB under arbete\MSDS Allbäck Linseed Soap Extra 1111107.docx



14.3 Transport hazard class(es)	-
14.4 Packing group	-
14.5 Environmental hazards	-
14.6 Special precautions for users	-
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	-

Section 15: Regulatory information

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

No relevant.

15.2 Chemical safety assessment

Chemical safety assessment is not made for linseed oil as it is exempted from registration according to REACH. Ethanol is registered, but Allbäck has not received information about the Chemical safety assessment from their supplier.

Section 16: Other information

Hazard and Precautionary statements from section 2 and 3 in plain text (CLP):

Flam. Liquid 2; Brandfarlig vätska kategori 2
H225 Highly flammable liquid and vapour

Risk and Safety phrases from section 2 and 3 in plain text DSD 67/548/EEC:

F = Very flammable
R11 Highly flammable.

Sources for data in this MSDS

- The manufactures MSDS
- Registration dossier Ethanol according to REACH regulation. ECH database registrations www.echa.eu
- Prevent Database Chemical substances (<http://kemi.prevent.se/>)
- Toxnet, <http://toxnet.nlm.nih.gov/>
- ECHA, Guidance on information requirements and chemical safety assessment: Guidance on information requirements and chemical safety assessment Chapter R.12: Use descriptor system. Draft ver. 2.0, 2009

Other information:

Sodium salts of natural fatty acids (eg. linseed oil) is exempted from registration according to REACH. See regulation EC 987/2008.

The safety data sheet is based on the REACH regulation EC 1907/2006 and the regulation EU 453/2010 Classification according to both the CLP regulation EC 1272/2008 and directives 67/548/EEC and 1999/45/EC. Names in section 3 are given either according to harmonised classified substances in Annex VI, CLP regulation EC/1272/2008, IUPAC name or other common used named chosen by the supplier. See article 18 in the CLP regulation.