

SAFETY DATA SHEET

Original Issued Date	06.02.12	
Revision: Yes	Date: 07.11.18	Change: Re-formatted

1. PRODUCT INFORMATION	
Product Name	RBS Greenlease Bio WS Super
Application	Mould release oil
Company	Resapol Building Services
Address	Unit D4, Moss Industrial Estate, Leigh, Lancashire, WN7 3PT
Telephone No	01942 609002
Fax No	01942 674799
Emergency Telephone No	01942 609001 (Office Hours)
E-mail	info@resapol.com

2. HAZARDS	
This product should be handled in accordance with good industrial hygiene and safety practices	
Classification CE:	None
Most Important Hazards	None
CLP – Classification (EC 1272/2008)	
Signal word:	None
CLP Hazard Statements:	None
Main Symptoms	
Inhalation	Not applicable
Skin Contact	Not applicable
Eye Contact	Not applicable
Ingestion	Not applicable
Environmental properties	Non-toxic to aquatic organisms.



3. COMPOSITION						
3.1 Concrete curing liquid						
3.2 Dangerous Ingredients						
Substance Name	Values (%)	Cas No.	EC No	EC Index	Symbols	R Phrases
Fatty acid ethanolamide, ethoxylated	<1.5	68603-39-4	Polymer	None	Xi	R 36/38
Full text of R-phrases: see section 16						
Substance Name	Values (%)	Cas No.	EC No	EC Index	CLP Pictogram	CLP Hazard Statements
Fatty acid ethanolamide, ethoxylated	40-70	68603-39-4	Polymer	None	GHS07	H315, H319
Full text of H Statements: see section 16						

4. FIRST AID MEASURES	
Inhalation	Move to fresh air Keep at rest. Get medical attention if any discomfort continues.
Skin contact	Irritating to skin –Redness- Repeated exposure may cause skin dryness or cracking. Take off contaminated clothing and shoes immediately and rinse skin thoroughly with water. Rinse with water. Get medical attention if any discomfort continues.
Eye contact	Rinse immediately with plenty of water for at least 10 minutes, also under the eyelids, for at least 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.
Ingestion	If symptoms persist seek medical attention.
Additional advice	Show this safety data sheet to the doctor in attendance. Treat symptomatically.

5. FIRE-FIGHTING MEASURES	
Fire Hazard	None flammable, Flash point >100C.
Extinguishing Media	Use carbon dioxide, foam, water fog or dry powder.
Not to be used	Direct water jet. (Use water only to keep fire exposed containers cool.)
Special fire fighting procedures	In the event of a large fire, self-contained breathing apparatus should be worn.
WARNING	Heat from a fire could possibly result in drums bursting. Vapour may travel long distances to source of ignition. Toxic gases/vapours/fumes of carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personnel precautions	<p>Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid contact with skin and eyes. Do not breathe vapours or spray mist. Wear personal protective equipment. See also Section 8.</p>
Environmental precautions	<p>Do not flush into surface water or sanitary sewer systems.</p>
Methods for cleaning up	<p>Remove all sources of ignition. Do not smoke. Ensure adequate ventilation. Clean-up methods – small spillage Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material, Dispose of in accordance with local regulations. After cleaning, flush away traces with water. Clean-up methods – large spillages Keep people away from and upwind of spill/leak. Prevent further leakage or spillage if safe to do so. Dam up. Hose down gases, fumes and/or dust with water. Collect and dispose of waste product at an authorised disposal facility. After cleaning flush away traces with water. Local authorities should be advised if significant spillages cannot be contained. If spillage enters drains call Environmental Agency Emergency on 0800 807060.</p>

7. HANDLING & STORAGE

7.1 Handling	<p>Precautions should be taken against skin and eye contact. Avoid inhalation of vapour mist or fume. Wear safety shoes when handling containers. When handling protective clothing should be worn including impervious gloves and eye protection. Do not wear contaminated clothing.</p>
7.2 Storage	<p>Store away from sources of strong heat sparks, open flames and strong oxidising chemicals. Keep containers tightly closed in a cool dry, well ventilated place. Take precautionary measures to prevent spills into drains, soil or water. External tanks or stillage should be banded. Avoid direct sunlight. Avoid extremes of humidity. We recommend you store the material at 5C to 40C. 12 months storage life. Warehousing class of B1(c).</p>



8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Personal protective equipment

Respiratory Protection	In case of insufficient ventilation wear suitable respiratory equipment with A2/P2 filter.
Hand Protection	Nitrile rubber. Neoprene gloves. EN374 The selection of specific gloves for a specific application and time of use in a working area , should also take into account other factors on the working space, such as (but not limited to) other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.
Eye Protection	Safety glasses with side shields conforming to EN 166. Goggles.
Skin Protection	Chemical resistant overalls. Chemical resistant apron.
Protection and Hygiene	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product, Remove and wash contaminated clothing before re-use. Eye wash bottle with pure water. Use barrier creams to prevent skin contact.
Engineering Measures	Ensure good ventilation.
Environmental Exposure Controls	Do not flush into surface water or sanitary sewer system. It is recommended that oil mists be kept below 5mg/m ³ (8hr.T.W.A. value) EH40.
Exposure limit(s)	
Component	Fatty acid ethanolamide, ethoxylated (POLYMER).
WEL (mg/m ³)	No data.

9. PHYSICAL & CHEMICAL PROPERTIES: typical data

Appearance at 20°C	Amber mobile liquid
Odour	Sight
Boiling point range °C	Not determined
Density at 15.6°C	0.931
Viscosity at 40°C	36 centiStokes
Flash Point (Abel)	>100°C
Auto-ignition temperature (ASTM E659)	Not determined
Explosion Limits	Not determined
Oxidising properties	Not determined
pH	Not applicable
Benzene Content % m/m	<0.1%
Solubility in water	Emulsifiable in water
Solubility	Soluble in most solvents
Partition coefficient: n-octanol/water	Not determined
Vapour density	Not determined
Evaporation rate	Not determined



10. STABILITY & REACTIVITY

Stability	Products of this type are stable and unlikely to react in a hazardous manner under normal conditions of use.
Hazardous decomposition products, which can be formed on heating	Burning produces noxious and toxic fumes. Possible decomposition products are: Carbon monoxide and carbon dioxide.
Incompatible materials	Oxidising agents.
Conditions to avoid	Heat, flames and sparks.

11. TOXICOLOGICAL INFORMATION

General Information	
Inhalation	May cause irritation of respiratory tract. Cough. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness and tiredness nausea and vomiting.
Skin contact	Irritating to skin. Redness. Repeated exposure may cause skin dryness or cracking.
Eye contact	May cause eye irritation. Redness. Repeated or prolonged exposure:- Inflammation. Ulceration.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Mobility in soil	The product is immiscible with water.
Bio accumulation	Leaching or penetration is generally regarded as resulting in no long term persistence.
Aquatic toxicity	The product is expected to be biodegradable.
Persistence and degradability	Not classified as PBT or vPvB.



13. DISPOSAL CONSIDERATIONS	
Waste	Send to a Registered Waste Disposal Site using the services of a Registered Waste Disposal Contractor. Ensure conformance with local and national regulations.
Packaging	Labels should not be removed from containers until they have been cleaned. Empty containers may contain hazardous residues. Ensure conformance with local and national regulations.
Specific Advice	Supplied material should be considered as Special Waste and Disposal should conform to the relevant Regulations.
General	Under no circumstances should this product be disposed of by flushing into surface water or sanitary sewer system.

14. TRANSPORT INFORMATION	
Hazardous for Transport	None
Proper shipping name	Not applicable
UN-No.	Not classified according to the United Nation
Class	Not applicable
Packaging group	Not applicable
Special precautions for user	Not applicable
Environmental hazards	Not classified as a marine pollutant
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.	Not applicable

15. REGULATORY INFORMATION (Part A)							
Classification:	The product is classified as dangerous in accordance with Directive 67/548/EEC.						
Commercial Product Name	Mould release oil concentrate						
Commercial name of the substance	RBS Greenlease Bio WS Super						
EC No.	Not applicable						
CAS No.	Not applicable						
Contains	Fatty acid ethanolamide, ethoxylated.						
Symbols	None						
Risk Phases:	None						
Safety Phases:	<table border="0"> <tr> <td>S23/25</td> <td>Avoid contact with skin and eyes.</td> </tr> <tr> <td>S36/37/39</td> <td>Wear suitable protective clothing, gloves and eye/face protection.</td> </tr> <tr> <td>S62</td> <td>If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.</td> </tr> </table>	S23/25	Avoid contact with skin and eyes.	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.	S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
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S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.						
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.						



15. REGULATORY INFORMATION (Part B)

CLP Classification	The product is classified as dangerous in accordance with Directive 1272/2008/EEC.	
CLP pictograms	None	
Signal word	None	
CLP Hazard statements	None	
CLP Precautionary statements	P331	Do not induce vomiting.
	P301+	If swallowed, immediately call a doctor.
	P310	
Contains	Fatty acid ethanolamide, ethoxylated.	
WGK	1	

16. OTHER INFORMATION

Text of R phrases mentioned in section 3.	
R36/38	Irritating to eyes and skin
H-statements components	
H315	Causes skin irritation.
H319	Causes serious eye irritation.
Sources of key data used to compile the datasheet	http://ecb.jrc.it Classification and labelling of petroleum substances according to EU dangerous substances directive (CONCAWE recommendations – June 2011)
<p>This information is, to the best of RBS's knowledge, correct and is intended to describe the product requirements. Since the conditions of use are outside RBS's control any recommendations or suggestions are made without guarantee and RBS disclaims any liability for loss or damage suffered from use of this information. Customers must satisfy themselves that the product is suitable for a particular purpose.</p> <p>Further information can be found in Health & Safety Executive publications, a list of which can be made available from HSE Books – Tel:- 01787 881165</p>	
Guidance	COSHH Essentials and Chip for everyone. Consumer Protection Act. Environmental Protection Act. COSHH Regulations CHIP regulations.
Statutory instruments	The Health & Safety at Work Act 1974. Regulation (EC) NO. 1907/2006 (REACH) amendment to Directive 67/548/EEC. Directive 98/24/EC Directive 999/45/EC.

