



COSHH ASSESSMENT – Sea Kelp Moisturiser

PRODUCT INFORMATION SHEET SCOTTISH FINE SOAPS

Scottish Fine Soaps, North Main Street, Carronshore,
Falkirk. FK2 8HT
Tel: 0845 27 88426 Fax: 01324 573401

SEA KELP MOISTURISER (BODY LOTION)

FEATURES & APPLICATION

This product data sheet pertains to Sea Kelp Moisturiser (Body Lotion) made by Scottish Fine Soaps and Montague Lloyd. Sea Kelp Moisturiser (Body Lotion) is made with the finest ingredients and formulated to excel in performance, stability and aesthetics.

APPLICATION DETAILS

Task

Moisturising and protecting hands and body.

How To Use

Apply sparingly to skin and gently rub in until absorbed. Repeat as necessary.

PRODUCT AND PACKAGING INFORMATION

Appearance & Odour: White cream with pleasant fragrance.

Chemical Description: Oil-in-water emulsion of vegetable and mineral oils, with thickener, emollient, perfume and preservative.

Packaging: Various.

Shelf Life: 3yrs

ENVIRONMENTAL INFORMATION

General Information: This product has been formulated to have minimal ecological impact.

Environmental Checklist:

Biodegradable detergents	Yes	CFC free	Yes	Solvent free	Yes
Phosphate free	Yes	Acid/alkali free	Yes	Free of dyes/perfumes	No
Recyclable packaging	Yes	Biodegradable container	No	Biodegradable outer box	Yes



MATERIAL SAFETY DATA SHEET

Scottish Fine Soaps

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY				
Commercial Name	Sea Kelp Moisturiser (Body Lotion)	Supplier	SFS and Montague Lloyd	
Intended/Recommended use	Moisturiser	Address	North Main Street, Carronshore, Falkirk FK2 8HT	
Issue Date	Feb'12	Telephone	01324 573400	
Issue Number	2	Fax	01324 573401	
2. HAZARDS IDENTIFICATION Not Classified Under Chip Regulations				
Health Hazards	Eye Contact: Transient mild to moderate irritation (stinging). Skin Contact: Not a hazard in normal use. Ingestion: Possible mild to moderate gastro-intestinal irritation with nausea and vomiting. Inhalation: Not a hazard in normal use.			
General Information	Keep out of the reach of children.			
3.COMPOSITION OF PRODUCT AND INFORMATION ON INGREDIENTS				
According to E.C. regulations this product is looked upon as a cosmetic product. Declaration of the ingredients, according to the 6 th amendment (93/35/EEC) modifying the Cosmetic Directive 76/768/EEC.				
NAME	RANGE(%)	EINECS	CAS No	CLASSIFICATION
Paraffinum Liquidum (Mineral Oil)	1-10	232-455-8	8042-47-5	None
Glycerin	1-10	200-289-5	56-81-5	None
Prunus Amygdalus Dulcis Oil	1-10	-	8007-89-0	None
Glycerol Stearate	1-10	2507054	31568-31-1	None
Stearic Acid	1-10	2003134	57-11-4	None
Cetearyl Alcohol	1-10	267-008-6	8005-44-5	None
Triethanolamine	<1	203-049-8	102-71-6	None
Phenoxyethanol	<1	204-589-7	122-99-6	Xn, R22, R36
Parfum (Fragrance)	<1	N/A (mixture)	N/A (mixture)	Xi, N,R43,R51/53
PEG-20 Stearate	<1	-	9004-99-3	None
Methylparaben	<1	202-785-7	99-78-3	Xi, R36, R37, R38
Propylene Glycol	<1	200-338-0	57-55-6	None
Disodium EDTA	<1	205-358-3	139-33-3	None
Fucus Vesiculosus Extract	<1	283-833-7	84898-13-9	None
Butylparaben	<1	202-318-7	94-26-8	None
Ethylparaben	<1	204-399-4	120-47-8	Xi, R36, R37, R38
Algae	<1	Plant Extract	-	-
Chondrus Crispus Extract	<1	Plant Extract	-	-
Propylparaben	<1	202-307-7	94-13-3	Xi, R36,R37,R38
Isobutylparaben	<1	224-208-8	4247-02-3	U/A
Sodium benzoate	<1	208-534-8	532-32-1	Xi, R36, R38.
Sorbic Acid	<1	203-768-7	110-44-1	Xi, R36,R37, R38.
Benzyl Salicylate	>0.001	-	118-58-1	Perfume Allergen
Butylphenyl Methylpropional (Lilial)	>0.001	-	80-54-6	Perfume Allergen
Hydroxycitronellal	>0.001	203-518-7	107-75-5	Perfume Allergen
Linalool	>0.001	201-134-4	78-70-6	Perfume Allergen
Citronellol	>0.001	-	108-22-0	Perfume Allergen
Hydroxyisohexyl 3-Cyclohexene	>0.001	-	31906-04-4	Perfume Allergen
Carboxaldehyde (Lyral)	>0.001	-	-	-
Eugenol	>0.001	-	97-53-0	Perfume Allergen
Alpha Isomethyl Ionone	>0.001	-	127-51-5	Perfume Allergen
Geraniol	>0.001	-	108-24-1	Perfume Allergen
Amyl Cinnamal	>0.001	-	122-40-7	Perfume Allergen
4. FIRST AID MEASURES				
Ingestion;	Do not induce vomiting. Drink plenty of water. Act immediately to prevent further irritation of mouth and throat. Seek medical advice immediately.			
Inhalation	No ill effects expected.			
Eye Contact	Check for and remove contact lenses. Immediately flush with water for 15mins. Seek medical advice.			
Skin Contact	Rinse affected area with water, if needed apply a cold compress to relieve irritation. If symptoms persist seek medical advice.			
5. FIRE FIGHTING MEASURES				
Suitable Extinguishing Media	This material is not flammable. Use extinguishing media appropriate for surrounding fire.			
Hazardous Combustion Products	N/A			
Special Fire Fighting Equipment	N/A			
6. ACCIDENTAL RELEASE MEASURES				
Personal Precautions	Wear protective clothing and eyeshields.			
Environmental Precautions	Avoid spillage into surface water or vegetation. Large spills or uncontrolled discharges into rivers or streams must be reported to the Environment Agency or other regulatory body.			
Cleanup Methods	Hose away with plenty of water, diluting well, unless this would contaminate a water source or vegetation. In which case either collect, dilute and pour down waste drain (foul sewer) or absorb onto dry sand or similar material and dispose of safely as commercial waste.			



MATERIAL SAFETY DATA SHEET

Scottish Fine Soaps

7. HANDLING AND STORAGE			
Handling	Take care when dispensing product from container. Avoid contact with eyes. Do not mix with other chemicals.		
Storage	Store upright in original containers in a cool dry area out of the reach of children.		
8. EXPOSURE CONTROLS/PERSONAL PROTECTION			
Respiratory Protection	N/A		
Hand Protection	N/A		
Eye Protection	N/A		
Skin Protection	N/A		
9. PHYSICAL AND CHEMICAL PROPERTIES			
Appearance	White viscous liquid.	Flash Point (ACC)	None
Odour	Pleasant Fragrance.	Viscosity (20C)	3000cp approx.
pH	8.0 typically	Water Solubility	Soluble.
10. STABILITY AND REACTIVITY			
Conditions to avoid	Avoid extreme heat or cold.		
Materials to avoid	N/A		
Hazardous decomposition products	None known.		
11. TOXICOLOGICAL INFORMATION: This product is formulated from cosmetic grade ingredients and is intended to be applied directly to the skin. If you are allergic to any of its ingredients do not use this product. If any allergic reactions are suffered, discontinue use of this product immediately and seek medical attention.			
Swallowing:	Internal irritation likely, may cause vomiting. If large quantities are ingested treat symptomatically. Do not induce vomiting.		
Inhalation	No ill effects expected.		
Skin Contact	No ill effects expected.		
Eye Contact	Irritation likely. Immediately flush with water.		
12. ECOLOGICAL INFORMATION			
Degradability	The surfactants contained in this preparation are biodegradable.		
Bioaccumulation Potential	Not known.		
Aquatic Toxicity	Not likely to be toxic if well diluted.		
13. DISPOSAL CONSIDERATIONS			
Contact a reputable waste-disposal company. National or regional legislation may cover this product's disposal.			
14. TRANSPORT			
Hazard	None	UN Number	None
ADR Class	None	Packing Group	None
15. REGULATORY INFORMATION			
Symbol	None	Hazard	None
Named Ingreds	None	Risk Phrases	None
Safety Phrases	None		
16. OTHER INFORMATION			
This product does not require any special training before use. Usage and handling instructions are mentioned on packaging and on this Material Safety Data Sheet. This health and safety information refers to the concentration of the product as sold. Diluted solutions can be considered to be significantly less hazardous although they should always be handled with care. Description of Risk Phrases (Ingredients only).			
R22 Harmful if swallowed.		R43 May cause sensitisation by skin contact.	
R36 Irritating to the eyes.		R51 Toxic to aquatic organisms.	
R37 Irritating to the respiratory system.			
R38 Irritating to the skin.			
R53 May cause long term adverse effects in the aquatic environment.			



COSHH ASSESSMENT – Super Cleaner



Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830. - United Kingdom (UK)

SAFETY DATA SHEET Super Cleaner

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

1.1 Product identifier

Product name : Super Cleaner
Product code : YMB820

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses	
Consumer application of coatings Professional application of coatings and inks	
Uses advised against	Reason
All Other Uses	

1.3 Details of the supplier of the safety data sheet

International Paint Ltd.
Stoneygate Lane
Felling
Gateshead
Tyne and Wear
NE10 0JY UK
Tel: +44 (0)191 469 6111 Fax: +44 (0)191 438 3711
e-mail address of person responsible for this SDS : sdsfellinguk@akzonobel.com

National contact

1.4 Emergency telephone number

National advisory body/Poison Centre (For use only by licensed medical professionals.)

Telephone number : +44 (0)844 892 0111

Supplier

Telephone number : +44 (0)191 469 6111 (24H)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Eye Dam. 1, H318

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

SECTION 2: Hazards identification

Hazard pictograms :



Signal word : Danger

Hazard statements : Causes serious eye damage.

Precautionary statements

General : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Prevention : Wear eye or face protection. Wash hands thoroughly after handling.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.

Storage : Not applicable.

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazardous ingredients : Alcohols, C9-11, ethoxylated hexyl D-glucoside

Supplemental label elements : Contains a biocidal product. Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Not applicable.

Detergents - Regulation (EC) No 907/2006

Annex VIIA - Labelling for Contents

2.3 Other hazards

Other hazards which do not result in classification : None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture

Product/ingredient name	Identifiers	% by weight	Classification Regulation (EC) No. 1272/2008 [CLP]	Nota (s)	Type
Alcohols, C9-11, ethoxylated	CAS: 68439-46-3	≤10	Acute Tox. 4, H302 Eye Dam. 1, H318	-	[1]
hexyl D-glucoside	EC: 259-217-6 CAS: 54549-24-5	≤10	Eye Dam. 1, H318	-	[1]
bronopol (INN)	EC: 200-143-0 CAS: 52-51-7 Index: 603-085-00-8	≤0.1	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 (M=10)	-	[1]
reaction mass of: 5-chloro-2-methyl-	CAS: 55965-84-9 Index: 613-167-00-5	<0.0015	Acute Tox. 3, H301 Acute Tox. 3, H311	-	[1]

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SECTION 3: Composition/information on ingredients

4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)		Acute Tox. 3, H331 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) See Section 16 for the full text of the H statements declared above.	
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There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

General	: 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.
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.
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.
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.
Ingestion	: If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact	: Causes serious eye damage.
Inhalation	: May give off gas, vapour or dust that is very irritating or corrosive to the respiratory system.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: Irritating to mouth, throat and stomach.

Over-exposure signs/symptoms

Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: No specific data.

SECTION 4: First aid measures

- Skin contact** : Adverse symptoms may include the following:
 pain or irritation
 redness
 blistering may occur
- Ingestion** : Adverse symptoms may include the following:
 stomach pains

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

5.2 Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
 carbon dioxide
 carbon monoxide

5.3 Advice for firefighters

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

- : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

SECTION 6: Accidental release measures

Large spill : Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product.

6.4 Reference to other sections : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)

Recommendations : Not available.

Industrial sector specific solutions : Not available.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures

SECTION 8: Exposure controls/personal protection

for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available

8.2 Exposure controls

Appropriate engineering controls : If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Skin protection

Hand protection : Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms. Recommended: Viton® or Nitrile gloves. Butyl rubber gloves. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	: Liquid.
Colour	: Yellow.
Odour	: Odourless.
Odour threshold	: Not available.
pH	: Not applicable.
Melting point/freezing point	: Not available.
Initial boiling point and boiling range	: Lowest known value: 100°C (212°F) (water).
Flash point	: Closed cup: 78°C
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not available.
Upper/lower flammability or explosive limits	: Not available.
Vapour pressure	: Not available.
Vapour density	: Not available.
Relative density	: 1.041
Solubility(ies)	: Not available.
Partition coefficient: n-octanol/ water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Kinematic (room temperature): 7 mm ² /s
Explosive properties	: Not available.
Oxidising properties	: Not available.

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: The product is stable.
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: No specific data.
10.5 Incompatible materials	: No specific data.
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information
11.1 Information on toxicological effects
Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Alcohols, C9-11, ethoxylated bronopol (INN) reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	LD50 Oral	Rat	1378 mg/kg	-
	LC50 Inhalation Vapour	Rat	800 mg/m ³	4 hours
	LD50 Oral	Rat	342 mg/kg	-
	LD50 Oral	Rat	53 mg/kg	-

Conclusion/Summary : Not available.

Acute toxicity estimates

Route	ATE value
Oral	15311.1 mg/kg

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
bronopol (INN) reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Skin - Moderate irritant	Human	-	10 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Moderate irritant	Rabbit	-	80 milligrams	-
	Skin - Severe irritant	Human	-	0.01 Percent	-

Conclusion/Summary : Not available.

Sensitisation

Conclusion/Summary : Not available.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
bronopol (INN)	Category 3	Not applicable.	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure : Not available.

SECTION 11: Toxicological information

Potential acute health effects

- Eye contact** : Causes serious eye damage.
Inhalation : May give off gas, vapour or dust that is very irritating or corrosive to the respiratory system.
Skin contact : No known significant effects or critical hazards.
Ingestion : Irritating to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:
 pain
 watering
 redness
Inhalation : No specific data.
Skin contact : Adverse symptoms may include the following:
 pain or irritation
 redness
 blistering may occur
Ingestion : Adverse symptoms may include the following:
 stomach pains

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

- Potential immediate effects** : Not available.
Potential delayed effects : Not available.

Long term exposure

- Potential immediate effects** : Not available.
Potential delayed effects : Not available.

Potential chronic health effects

Not available.

- Conclusion/Summary** : Not available.
General : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Developmental effects : No known significant effects or critical hazards.
Fertility effects : No known significant effects or critical hazards.

Other information : Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Alcohols, C9-11, ethoxylated	Acute EC50 5.38 to 6.25 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute EC50 7 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
bronopol (INN)	Acute LC50 8500 to 12000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute EC50 0.02 ppm Fresh water	Algae - Scenedesmus subspicatus	96 hours
	Acute EC50 1.4 mg/l	Daphnia	48 hours
	Acute IC50 0.05 mg/l	Algae	72 hours

SECTION 12: Ecological information

	Acute LC50 26 mg/l Acute LC50 11.17 ppm Fresh water Chronic NOEC 1.94 ppm	Fish Fish - Lepomis macrochirus Fish - Oncorhynchus mykiss	96 hours 96 hours 49 days
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Conclusion/Summary : Not available.

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
Super Cleaner	301D Ready Biodegradability - Closed Bottle Test	>80 % - Readily - 28 days	-	-

Conclusion/Summary : No additional remark.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Super Cleaner	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
hexyl D-glucooside bronopol (INN)	1.72 0.18	- -	low low

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

12.6 Other adverse effects : No known significant effects or critical hazards.
SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods
Product

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. 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.
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste : Yes.

Waste code	Waste designation
20 01 29*	detergents containing hazardous substances

Packaging

Methods of disposal : Dispose of containers contaminated by the product in accordance with local or national legal provisions. This material and its container must be disposed of as hazardous waste. Dispose of via a licensed waste disposal contractor.

SECTION 13: Disposal considerations

Special precautions : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No.	No.	No.
Additional information	-	-	-

IMDG Code Segregation group : Not applicable.

14.6 Special precautions for user : **Transport within user's premises:** 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.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code : Not available.

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions : Not applicable.

on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Other EU regulations

Europe inventory : Not determined.

Detergents - Regulation (EC) No 907/2006 Annex VIIA - Labelling for Contents

Identification

Concentration

SECTION 15: Regulatory information
Special packaging requirements

Containers to be fitted with child-resistant fastenings : Not applicable.

Tactile warning of danger : Not applicable.

Ozone depleting substances (1005/2009/EU)
Not listed.


Prior Informed Consent (PIC) (649/2012/EU)
Not listed.

National regulations

References : Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II and Regulation (EC) No. 1272/2008 (CLP)

15.2 Chemical safety assessment : No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

 Indicates information that has changed from previously issued version.

Abbreviations and acronyms : ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard statement
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Eye Dam. 1, H318	Calculation method
Full text of abbreviated H statements :	H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H331 Toxic if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.
Full text of classifications [CLP/GHS] :	Acute Tox. 3, H301 ACUTE TOXICITY (oral) - Category 3 Acute Tox. 3, H311 ACUTE TOXICITY (dermal) - Category 3 Acute Tox. 3, H331 ACUTE TOXICITY (inhalation) - Category 3 Acute Tox. 4, H302 ACUTE TOXICITY (oral) - Category 4 Acute Tox. 4, H312 ACUTE TOXICITY (dermal) - Category 4 Aquatic Acute 1, H400 ACUTE AQUATIC HAZARD - Category 1 Aquatic Chronic 1, H410 LONG-TERM AQUATIC HAZARD - Category 1 Eye Dam. 1, H318 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 Skin Corr. 1B, H314 SKIN CORROSION/IRRITATION - Category 1B Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2



YMB820 Super Cleaner



SECTION 16: Other information

Skin Sens. 1, H317 STOT SE 3, H335	SKIN SENSITIZATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
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Notice to reader

IMPORTANT NOTE: the information contained in this data sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. It is the user's responsibility to verify that this data sheet is current prior to using the product to which it relates.

Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where those purposes are other than as specifically recommended in this safety data sheet, then the user uses the product at their own risk.

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