

(revision) date 23/04/2016

Version 1

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

1.1. Product identifier

Product Name Wash liquid
Internal Code 3000283
Pure substance/mixture Mixture

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

Recommended Use Professional use
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Company Name
Greenspeed
P.O. Box 1250
2280 CG Rijswijk, NL
Tel: +31703458737 — Fax: +31703458942

Responsible for placing on the market
See Company Name

E-mail address: greenspeed@greenspeed.eu

1.4. Emergency telephone number

Emergency Telephone - §45 - (EC)1272/2008	
Belgium	+32 (0)70 245 245 (Antipoison Centre Belgium)
Denmark	+45 82 12 12 12
Finland	09 471977
France	+ 33 (0)1 45 42 59 59 - Orfila (24h)
Netherlands	030-2748888 (National Poisons Information Center (NVIC)) Only for the purpose of informing medical personnel in cases of acute intoxications
Spain	+ 34 91 562 04 20
Switzerland	+41 44 251 51 51 - Toxikologisches Institut Zürich
United Kingdom	03451 302230 - UK customer careline

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

According to Regulation (EC) n° 1272/2008 (CLP):

Serious eye damage/eye irritation	Category 2
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2.2. Label elements

According to Regulation (EC) n° 1272/2008 (CLP):

**Signal word**

Warning

Hazard statements

H319 - Causes serious eye irritation

Precautionary Statements - EU (§28, 1272/2008)

P102 - Keep out of reach of children

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/attention

P101 - If medical advice is needed, have product container or label at hand

2.3. Other hazards

None under normal use conditions

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not Applicable

3.2 Mixtures

Chemical Name	EC No	CAS No	Weight-%	Classification according to 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Glycerin	200-289-5	56-81-5	10-30	-	-	01-2119471987-18
Alcohol(C12-18)EO(2-5)	500-201-8	68213-23-0	10-30	Xn; R22 Xi; R41	Eye Dam. 1 (H318) Acute Tox. 4 (H302) Aquatic Chronic 3 (H412)	No data available
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	500-234-8	68891-38-3	5-10	Xi; R38-41	Eye Dam. 1 (H318) Skin Irrit. 2 (H315) Aquatic Chronic 3 (H412)	01-2119488639-16
FATTY ACIDS, COCO COMPDS. WITH ETHANOLAMINE	266-105-0	66071-80-5	1-5	Xi; R36/38	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	No data available
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	600-975-8	110615-47-9	1-5	Xi; R38-41	Eye Dam.1 (H318) Skin Irrit. 2 (H315)	01-2119489418-23
Ethanol	200-578-6	64-17-5	1-5	F; R11	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319)	01-2119457610-43
subtisilin	232-752-2	9014-01-1	<0.1	Xn; R37/38-41-42/43	Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Resp. Sens. 1 (H334) STOT SE 3 (H335)	01-2119480434-38

Full text of H- and EUH-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	If symptoms persist, call a physician.
Eye Contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin Contact	Wash off immediately with plenty of water.
Ingestion	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Get medical attention.
Inhalation	Remove to fresh air.

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

See section 2 for more information. See section 11 for more information.

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

Note to physicians Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Unsuitable Extinguishing Media

None

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Recover spilled material as much as possible in a clean container for reuse. Spilled product must be collected with sand or an inert absorbent material and dispose of as chemical waste. Rinse away remainder with water.

6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection

SECTION 12: Ecological information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes
 Ensure adequate ventilation, especially in confined areas
 Use personal protection recommended in Section 8

7.2. Conditions for safe storage, including any incompatibilities

Keep out of the reach of children
 Keep container tightly closed in a dry and well-ventilated place
 Do not store <0°C and >40°C.

7.3. Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Glycerin		STEL: 30 mg/m ³ TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 50 mg/m ³ Ceiling / Peak: 100 mg/m ³
Ethanol		STEL: 3000 ppm STEL: 5760 mg/m ³ TWA: 1000 ppm TWA: 1920 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³ STEL: 5000 ppm STEL: 9500 mg/m ³	TWA: 1000 ppm TWA: 1910 mg/m ³	TWA: 500 ppm TWA: 960 mg/m ³ Ceiling / Peak: 1000 ppm Ceiling / Peak: 1920 mg/m ³ Skin
subtisilin		STEL: 0.00012 mg/m ³ TWA: 0.00004 mg/m ³		STEL: 0.00006 mg/m ³	

Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Glycerin		TWA: 10 mg/m ³		TWA: 20 mg/m ³	
Ethanol		TWA: 1000 ppm	Skin STEL: 1900 mg/m ³ TWA: 260 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³ STEL: 1300 ppm STEL: 2500 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³
subtisilin		Ceiling: 0.00006 mg/m ³			Ceiling: 0.00006 mg/m ³

Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Glycerin		STEL: 100 mg/m ³ TWA: 50 mg/m ³	TWA: 10 mg/m ³		TWA: 10 mg/m ³
Ethanol	STEL 2000 ppm STEL 3800 mg/m ³ TWA: 1000 ppm TWA: 1900 mg/m ³	STEL: 1000 ppm STEL: 1920 mg/m ³ TWA: 500 ppm TWA: 960 mg/m ³	TWA: 1900 mg/m ³	TWA: 500 ppm TWA: 950 mg/m ³ STEL: 625 ppm STEL: 1187.5 mg/m ³	STEL: 1000 ppm
subtisilin		STEL: 0.00006 mg/m ³			TWA: 0.00006 mg/m ³ STEL: 0.00006 mg/m ³

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Controls None under normal use conditions.

Personal protective equipment

Eye/face protection
Hand Protection

Wear safety goggles when clearing accidentally released material.
For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

Environmental exposure controls Do not allow into any sewer, on the ground or into any body of water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid
Odor flower aroma
Color light yellow

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8.5	
Melting point/freezing point		No information available
Boiling point / boiling range		No information available
Flash Point	55-100	
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limit in Air		No information available
Upper Flammability Limit		No information available
Lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Relative density	1.060 kg/l	
Water solubility		No information available
Solubility(ies)		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Kinematic viscosity	150	
Dynamic viscosity		
Explosive properties	Not Applicable	
Oxidizing properties	No information available	

9.2. Other information

VOC Content (%) 2.22

SECTION 10: Stability and reactivity

10.1. Reactivity

Not expected

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

See section 7 for more information

10.5. Incompatible materials

Do not mix with other cleaning products.

10.6. Hazardous decomposition products

None under normal use conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity Product does not present an acute toxicity hazard based on known or supplied information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Glycerin		> 10 g/kg (Rabbit)	> 570 mg/m ³ (Rat) 1 h
Ethanol			= 124.7 mg/L (Rat) 4 h

Irritation Irritating to eyes

Respiratory or skin sensitization See section 15 for any sensitizing ingredients

Carcinogenicity Not expected.

Reproductive toxicity Not expected.

Germ cell mutagenicity Not expected.

Specific target organ toxicity (single exposure) Not expected

Specific target organ toxicity (repeated exposure) Not expected

Aspiration hazard Not expected

Target Organ Effects Not expected.

SECTION 12: Ecological information

12.1. Toxicity

Product
48h EC50 (daphnia - mg/l)

No data available

Ingredients

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Glycerin		51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static	500: 24 h Daphnia magna mg/L EC50
Ethanol		12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static	9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static

12.2. Persistence and degradability

This product doesn't contain any persistent substances
 The surface active components used in this product fulfill all of the biodegradability requirements of EC regulation 648/2004 (Detergents Regulation)
 The surface active components used in this product are anaerobically biodegradable.

12.3. Bioaccumulative potential

This product does not contain any bioaccumulating substances.

Chemical Name	Partition coefficient
Glycerin	-1.76
Ethanol	-0.32

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT)
 This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB)

12.6. Other adverse effects

This product does not contain PCM or nitromusk perfume components.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General Disposal should be in accordance with applicable regional, national and local laws and regulations

SECTION 14: Transport information

ADR Not regulated

IMDG Not regulated

RID Not regulated

IATA Not regulated

SECTION 15: Regulatory information

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

Ensure all national/local regulations are observed

Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:

anionic surfactants, non-ionic surfactants	5 - 15%
soap	< 5%
parfum, enzymes	

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3

H318 - Causes serious eye damage

H315 - Causes skin irritation

H225 - Highly flammable liquid and vapor

H319 - Causes serious eye irritation

H302 - Harmful if swallowed

H412 - Harmful to aquatic life with long lasting effects

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

H335 - May cause respiratory irritation

Classification procedure

On basis of test data

Revision Note

First version of this SDS in this format.

This material safety data sheet complies with the requirements of Regulation (EC) No. 2015/830

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet