Material Safety Data Sheet

Stain Remover Colour Protection Hygiene H (RXSOL-15-2722-005)

1. Product and Company Identifaction

Porduct Name	Stain Remover Colour Protection Hygiene H
Part Number	RXSOL-15-2722-005

Company Details:....

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

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2. Composition / informationon ingredients

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	(CAS-No.) 110615-47-9 (EC-No.) 600-975-8 (REACH-no) 01-2119489418-23	5-10	Skin Irrit. 2, H315 Eye Dam. 1, H318
Sodium laurylether sulphate	(CAS-No.) 68891-38-3 (EC-No.) 500-234-8	1 - 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
ethanol; ethyl alcohol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5 (REACH-no) 01-2119457610-43	1-3	Flam. Liq. 2, H225 Eye Irrit. 2, H319
1,2,3-Propanetriol(glycerin) substance with national workplace exposure limit(s) (GB)	(CAS-No.) 56-81-5 (EC-No.) 200-289-5 (REACH-no) 01-2119471987-18	0,1 - 1	Not classified
Propane-1,2-diol substance with national workplace exposure limit(s) (GB)	(CAS-No.) 57-55-6 (EC-No.) 200-338-0 (REACH-no) 01-2119456809-23	0,1 - 1	Not classified

Specific concentration limits:

Name	Product identifier	Specific concentration limits
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	(CAS-No.) 110615-47-9 (EC-No.) 600-975-8 (REACH-no) 01-2119489418-23	(12 100) Eye Dam. 1, H318 (30 100) Skin Irrit. 2, H315
Sodium laurylether sulphate	(CAS-No.) 68891-38-3 (EC-No.) 500-234-8	(5 = 10) Eye Irrit. 2, H319 (10 = 100) Eye Dam. 1, H318
ethanol; ethyl alcohol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5 (REACH-no) 01-2119457610-43	(50 = 100) Eye Irrit. 2, H319

3. Hazards Identification

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Serious eye damage/eye irritation, Category 2 Full text of H statements : see section 16	H319
Adverse physicochemical, human health and environmental effects	Causes serious eye irritation.	
Signal word (CLP)	Warning	
Hazard statements (CLP)	H319 - Causes serious eye irritation.	
Precautionary statements (CLP)	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.	
Other hazards	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

4. First Aid Measures

First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing
First-aid measures after skin contact	Wash skin with plenty of water.
First-aid measures after eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	Call a poison center or a doctor if you feel unwell.
Symptoms/effects after eye contact	Eye irritation
Indication of any immediate medical attention and special treatment needed	Treat symptomatically.

5. Fire-fighting Measures

Suitable Extinguishing Media	Water spray. Dry powder. Foam. Carbon dioxide.
Hazardous decomposition products in case of fire	None known.
Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. Accidental Release Measures

Emergency procedures	Ventilate spillage area. Avoid contact with skin and eyes.
Protective equipment	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Environmental precautions	Avoid release to the environment.
Methods for cleaning up	Take up liquid spill into absorbent material.
Other information	Dispose of materials or solid residues at an authorized site.
Reference to other sections	For further information refer to section 13.

7. Handling and Storage

Precautions for safe handling	Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Storage conditions	Store in a well-ventilated place. Keep cool.
Storage temperature	0 - 40 °C
Specific end use(s)	No additional information available

8. Exposure controls and personal protection

Control parameters ethanol;

ethanol; ethyl alcohol (64-17-5)

United Kingdom - Occupational Exposure Limits

Local name	Ethanol
WEL TWA (mg/m³)	1920 mg/m³
WEL TWA (ppm)	1000 ppm
Regulatory reference	EH40. HSE

1,2,3-Propanetriol(glycerin) (56-81-5)

United Kingdom - Occupational Exposure Limits

Local name	Glycerol
WEL TWA (mg/m³)	10 mg/m³ mist

Propane-1,2-diol (57-55-6)

United Kingdom - Occupational Exposure Limits

Local name	Propane-1,2-diol
WEL TWA (mg/m³)	10 mg/m³ particulates 474 mg/m³ total vapour and particulates
WEL TWA (ppm)	150 ppm total vapour and particulates

Personal protective equipment:

Avoid all unnecessary exposure. Avoid all contact with skin, eyes, or clothing. Accidental release of the contents: Gloves, Safety glasses

Hand protection:

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
	Nitrile rubber (NBR)	6 (> 480 minutes)	0.4		EN ISO 374

Eye protection:

Appearance

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls	Avoid release to the environment.
Other information	Do not eat, drink or smoke when using this product.

9. Physical and chemical properties

Physical state	Liquid
Color	Colourless. light yellow.
Odor	Lavender
Odor Threshold	No data available
pH	6,5
Relative evaporation rate (butylacetate=1)	No data available
Melting / freezing point	No data available
Boiling point / boiling range	No data available
Flash Poin	> 60 - 100 °C
Evaporation Rate	No data available

Flammability (solid, gas)	No data available
Flammability Limit in Air Upper flammability limit Lower flammability limit	No data available
Vapor pressure	No data available
Relative vapour density at 20 °C	No data available
Relative density	No data available
Density	1,027 kg/l
Solubility	completely soluble.
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Explosive properties	No data available
Oxidizing properties	None
VOC content	1,35 %

10. Stability and reactivity

Reactivity	Even when properly stored, the proteases will lose their activity. Therefore it is recommended to consume the product within a year.
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	No dangerous reactions known under normal conditions of use.
Conditions to avoid	None under recommended storage and handling conditions (see section 7).
Incompatible materials	Acids
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides (110615-47-9)

LD50 oral	> 2000 mg/kg bodyweight
LD50 dermal	> 2000 mg/kg bodyweight

ethanol; ethyl alcohol (64-17-5)

LD50 oral	10470 mg/kg bodyweight
LD50 dermal	15800 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 99999 mg/l

1,2,3-Propanetriol(glycerin) (56-81-5)

LD50 oral	25000 mg/kg bodyweight
LD50 dermal	> 18700 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	50100 mg/l

Skin corrosion/irritation	Not classified.	pH: 6,5

Serious eye damage/irritation	Causes serious eye irritation.	pH: 6,5
Respiratory or skin sensitisation	Not classified	
Germ cell mutagenicity	Not classified	
Carcinogenicity	Not classified	
Reproductive toxicity	Not classified	
STOT-single exposure	Not classified	
STOT-repeated exposure	Not classified	
Aspiration Hazard	Not classified	

12. Ecological information

Ecology - general	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	Not classified
Chronic aquatic toxicity	Not classified

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides (110615-47-9)

LC50 fish 1	2,95 mg/l
EC50 other aquatic organisms 1	7 mg/l waterflea
EC50 other aquatic organisms 2	5 mg/l

ethanol; ethyl alcohol (64-17-5)

LC50 fish 1	14200 mg/l
EC50 other aquatic organisms 1	5012 mg/l waterflea
EC50 other aquatic organisms 2	275 mg/l

1,2,3-Propanetriol(glycerin) (56-81-5)

LC50 fish 1	> 5000 mg/l
EC50 other aquatic organisms 1	> 10000 mg/l waterflea
EC50 other aquatic organisms 2	> 10000 mg/l

Stain remover

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

Stain remover

Bioaccumulative potential	This product does not contain any bioaccumulating substances

ethanol; ethyl alcohol (64-17-5)

Log Pow	-0,32

1,2,3-Propanetriol(glycerin) (56-81-5)

Log Pow	-1,76

Mobility in soil

No additional information available

Stain remover

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Other adverse effects : This product does not contain PCM or nitromusk perfume components.

13. Disposal considerations

Waste treatment methods Dispose of contents/container in accordance with licensed collector’s sorting instructions.

14. Transport information

UN number	UN-No. (ADR) : Not applicable UN-No. (IMDG) : Not applicable UN-No. (IATA) : Not applicable UN-No. (ADN) : Not applicable UN-No. (RID) : Not applicable
UN proper shipping name	Proper Shipping Name (ADR) : Not applicable Proper Shipping Name (IMDG) : Not applicable Proper Shipping Name (IATA) : Not applicable Proper Shipping Name (ADN) : Not applicable Proper Shipping Name (RID) : Not applicable
Transport hazard class(es)	ADR Transport hazard class(es) (ADR) : Not applicable IMDG Transport hazard class(es) (IMDG) : Not applicable IATA Transport hazard class(es) (IATA) : Not applicable ADN Transport hazard class(es) (ADN) : Not applicable RID Transport hazard class(es) (RID) : Not applicable
Packing group	Packing group (ADR) : Not applicable Packing group (IMDG) : Not applicable Packing group (IATA) : Not applicable Packing group (ADN) : Not applicable Packing group (RID) : Not applicable
Dangerous for the environment	No
Marine pollutant	No

Overland transport	Not applicable
Transport by sea	Not applicable
Air transport	Not applicable
Inland waterway transport	Not applicable
Rail transport	Not applicable
Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable

15. Regulatory information

EU-Regulations
Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012
concerning the export and import of hazardous chemicals.
Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent
organic pollutants

VOC content 1,35 %

Detergent Regulation : Labelling of contents:

Component	**%**
non-ionic surfactants	5-15%
anionic surfactants	5%
enzymes	
METHYLISOTHIAZOLINONE	

BENZISOTHIAZOLINONE

perfumes

LINALOOL

National regulations

No additional information available

16. Other information

Other Information	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and weassume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.