SAFETY DATA SHEET

Innovation Low Temp Destain Remover

Revision Date 26th November 2024

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name	Innovation Low Temp Destain Remover
Synonyms, Trade Name	Innovation Low Temp Destain Remover
Application	**Laundry Stain Remover**

Supplier

Halliday Healthcare Ltd,
Meadows Mill,
Burnley Road,
Bacup, Lancs,
OL13 8BZ
PHONE 01706 878160
sales@hallidayhealthcare.com

Emergency Contact Number 01706 878160

SDS No. 1058

2. HAZARDS IDENTIFICATION

Xn;R22, Xi; R41	
Classification	Physical: Not classified Health: Eye Dam. 1 H318
Labelling	
Signal Word	Danger
Hazard Statements	Causes serious eye damage
Precautionary Statements	Keep out of reach of children. If medical advice is needed, have product container or label on hand. Do not get in eyes, on skin, or on clothing. Wear eye or face protection. 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 CENTRE or physician. IF SWALLOWED: Call a POISON CENTRE if you feel unwell.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name:	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Classification accoding to Directive 67/548/EEC
Hydrogen Peroxide	CAS NO - 7722-84-1 EC - 231-765-0	20-25	Ox. Liq. 1 - H271 Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Corr. 1A - H314 Eye Dam. 1 - H318 STOT SE 3 - H335	Xn;R22. Xi;R41.
Alcohols, C12-16 ethoxylated 7EO	CAS NO - 68551-12-2 EC - 500-221-7	<5	Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412	Xn; R22 Xi R41
Benzenesulfonic acid C10-13-alkyl derivs., sodium salts	CAS NO - 68411-30-3 EC - 270-115-0	<5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335	Xn; R22 xi; R37/38, R41
Alcohols, C12-14 ethoxylated	CAS NO - 68439-50-9 EC - 500-213-3	<3	Skin Irrit. 2, H315 Eye Dam. 1, H318	Xi; R38, R41

4. FIRST-AID MEASURES

Notes to the physician	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.
Eye Contact	Get medical attention immediately. Call a poison centre or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
Inhalation	Get medical attention immediately. Call a poison centre or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.
Skin Contact	Get medical attention immediately. Call a poison centre or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
Ingestion	Get medical attention immediately. Call poison centre or physician. Wash out mouth with water. Remove dentures if any. Move to fresh air. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so the vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

5. FIRE-FIGHTING MEASURES

Extinguishing Media Use:	Use an extinguishing agent suitable for the surrounding fire.
Unusual Fire & Explosion Hazards	None known
Specific Hazard	In a fire or if heated, a pressure increase will occur and the container may burst. Decomposition products may include the following materials: Carbon Dioxide, Carbon Monoxide.
Protective Measures in Fire	Promptly isolate the scene by removing all person 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 Fire Fighting Procedures	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.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	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. 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''
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 environment pollution (sewers, waterways, soil or air).
Spill Cleanup Methods	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 appropriate waste disposal contractor.

7. HANDLING AND STORAGE

Usage Precautions	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 and can be hazardous. Do not reuse container.
Storage Class	Store in accordance with local regulations.
Storage Precautions	Do not store above the following temperature: 40 C (104F). 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 to use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	STD	TWA – 8 Hrs		STEL – 15 Min		Notes
Hydrogen Peroxide 20-25%	WEL	1ppm	1.4 mg/m3	2ppm	2.8 mg/m3	

WEL= Workplace Exposure Limit

Protective Equipment

Respiratory Equipment

Use a properly fitted air-purifying or air-fed respirator complying with an approved standard, if a risk assessment indicates this is a 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.

Hand Protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Eye Protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this 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.

Other Protection

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid		
Colour	White		
Odour	Pleasant		
Solubility	Soluble in water		
pH value	4 to 4.6	**Boiling Point (°C)**	N/A
Relative Density	1.03 to 1.05 g/cm3 [20C]	**Vapor Pressure**	N/A

10. STABILITY AND REACTIVITY

Stability	This product is stable
Conditions to avoid	Do not mix with: acids or reducing agents
Materials to avoid	Do not mix with household chemicals
Hazardous Decomposition Products	Carbon oxides, various organic chemicals

11. TOXICOLOGICAL INFORMATION

Toxic Dose 1-ld 50	841-1232 mg/kg (oral rat)
Ingestion	Harmful if swallowed
Inhalation	Upper respiratory irritation.
Skin Contact	Irritating to skin
Eye Contact	Risk of serious damage to eyes

12. ECOLOGICAL INFORMATION

Ecotoxicity	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. LC50,96hrs, Fish mg/l 16.4 EC50, 48hrs, Daphnia, mg/l 2.4 IC50, 72 hrs, Algae, mg/l 0.85
Mobility	The product is soluble in water
Bioaccumulation	Will not bio-accumulate
Degradability	The product is easily biodegradable

13. DISPOSAL CONSIDERATIONS

General Information	Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local waste disposal authority. Do not puncture or incinerate even when empty.
Disposal methods	Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

Proper Shipping name	Hydrogen Peroxide, Aqueous Solution		
UN No. Road	2014	UN No. Sea	2014
ADR Class No.	5.1	IMDG Class	5.1
ADR Class	Class 5.1: Oxidizing	IMDG Pack Group	II
ADR Pack Group	II	EMS	F-H, S-Q
Tunnel Restriction	(E)	UN No. Air	2014
Hazard No. (ADR)	58	Air Class	5.1

ADR Label No.	5.1 & 8	Air Sub Class	8
Hazchem code	2P	Air Pack Group	II

15. REGULATORY INFORMATION

General Information	EU Directives: Regulation (EC) No 1907/2006 of the European Parliament and the Council of 18th December 2006 concerning the registration, evaluation, authorisation and restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation 76/769/EEC and Commission Directives 91/155/EEC, 93/105/EC and 2000/21/EC including amendments.
Statutory Instruments	The Chemical (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716)
Approved Code of Practice	Safety data sheets for substances and preparation. Classification and labeling of substances and Preparations Dangerous for supply
Guidance Notes	CHIP for everyone HSG (108)

16. OTHER INFORMATION

REV. No. / REPL. SDS	
Generated	26th November 2024
SDS No.	1058
Safety Data Sheet Status	
Approved.	23rd February 2022
Signature	
Notes	This information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of the company's knowledge and belief, accurate and reliable as of date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

Section 16: Other Information	
Full text of H- and EUH statements:	
R20/22	**Harmful by inhalation and if swallowed.**
R22	**Harmful if swallowed.**
R20/21/22	**Harmful by inhalation, in contact with skin and if swallowed.**
R35	**Causes severe burns**
R37	**Irritating to respiratory system.**
R41	**Risk of serious damage to eyes.**
R5	**Heating may cause an explosion.**
R8	**Contact with combustible material may cause fire.**
Acute Tox. 4 (Oral)	**Acute toxicity (oral), Category 4**
Eye Dam. 1	**Serious eye damage/eye irritation, Category 1**
Eye Irrit. 2	**Serious eye damage/eye irritation, Category 2**
Ox. Sol. 3	**Oxidizing Solids, Category 3**
Skin Irrit. 2	**Skin corrosion/irritation, Category 2**
STOT SE 3	**Specific target organ toxicity- single exposure, Category 3, Respiratory tract irritation.**

H271	**May cause fire or explosion; strong oxidizer.**
H302	**Harmful if swallowed**
H314	**Causes severe skin burns and eye damage.**
H318	**Causes serious eye damage**
H332	**Harmful if inhaled.**
H335	**May cause respiratory irritation**

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product