



SAFETY DATA SHEET Fabric Stain Remover

According to Regulation (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Fabric Stain Remover
Product No. 914009
Container size 250 ml

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

Identified uses Product for the care and maintenance of fabric.
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier Guardsman Industries Ltd
152 Milton Park
Abingdon
Oxfordshire
OX14 4SD
Tel : 44 (0) 1235 444700
info@guardsman.co.uk

1.4. Emergency telephone number

Tel: 44(0) 1235 444700 (Monday - Friday 09.00 - 17.00)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Not classified.

2.2. Label elements

Detergent Labelling < 5% oxygen-based bleaching agents
anionic surfactants
non-ionic surfactants
Contains DMDM Hydantoin, Methylchloroisothiazolinone, Methylisothiazolinone

Risk Phrases NC Not classified.

Safety Phrases NC Not classified.

2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

(2-METHOXYMETHYLETHOXY)PROPANOL	5-10%
CAS-No.: 34590-94-8	EC No.: 252-104-2
Registration Number: 01-2119450011-60-XXXX	
Substance with National workplace exposure limits.	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.

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POLY(OXY-1,2-ETHANEDIYL),α-SULFO-ω-(NONYLPHENOXY)-, SODIUM SALT 1-2%	
CAS-No.: 9014-90-8	EC No.:
Classification (EC 1272/2008) Eye Dam. 1 - H318	Classification (67/548/EEC) Xi;R41.
OXYETHOXYLATED SYNTHETIC ALCOHOL 1-2%	
CAS-No.: 61827-42-7	EC No.:
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41.
HYDROGEN PEROXIDE SOLUTION ... % 1-2%	
CAS-No.: 7722-84-1	EC No.: 231-765-0
Classification (EC 1272/2008) Ox. Liq. 1 - H271 Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Corr. 1A - H314 STOT SE 3 - H335	Classification (67/548/EEC) R5 O;R8 C;R35 Xn;R20/22

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

General first aid, rest, warmth and fresh air.

Inhalation

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

Inhalation.

No specific symptoms noted.

Ingestion

May cause stomach pain or vomiting.

Skin contact

No specific symptoms noted.

Eye contact

May cause temporary eye irritation.

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

No specific first aid measures noted. Treat Symptomatically.

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SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Fire can be extinguished using: Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

Unsuitable extinguishing media

None known.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

No specific conditions are likely to result in a hazardous situation.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Provide adequate ventilation. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Flush with plenty of water to clean spillage area.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapours and spray mists. Avoid eating, drinking and smoking when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container at temperatures between 5°C and 25°C. Do not store near heat sources or expose to high temperatures. Protect from freezing and direct sunlight.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
(2-METHOXYMETHYLETHOXY)PROPANOL	WEL	50 ppm	308 mg/m ³			Sk
HYDROGEN PEROXIDE SOLUTION ... %	WEL	1 ppm	1,4 mg/m ³	2 ppm	2,8 mg/m ³	

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

8.2. Exposure controls

Protective equipment

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Engineering measures

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

Respiratory equipment

Respiratory protection not required.

Hand protection

Use suitable protective gloves if risk of skin contact.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless.
Odour	Characteristic.
Solubility	Miscible with water
Initial boiling point and boiling range	100°C
Melting point (°C)	0°C
Relative density	1.008
Vapour pressure	Not available.
Evaporation rate	Not available.
pH-Value, Conc. Solution	7
Viscosity	Not available.
Decomposition temperature (°C)	Not available.
Flash point	Not available.
Auto Ignition Temperature (°C)	Not available.
Flammability Limit - Lower(%)	Not available.
Flammability Limit - Upper(%)	Not available.
Partition Coefficient (N-Octanol/Water)	Not available.
Oxidising properties	Does not meet the criteria for oxidising.

9.2. Other information

No information required.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

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10.3. Possibility of hazardous reactions

Not known.

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid frost.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

General information

This product has low toxicity. Only large volumes may have adverse impact on human health.

Inhalation

No specific health warnings noted.

Ingestion

May cause discomfort if swallowed.

Skin contact

Liquid may irritate skin.

Eye contact

May cause temporary eye irritation.

Health Warnings

No specific health warnings noted.

Route of entry

Skin and/or eye contact. Inhalation. Ingestion.

Target Organs

No specific target organs noted

Medical Symptoms

No specific symptoms noted.

Medical Considerations

No information about adverse effects due to exposure.

Toxicological information on ingredients.

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POLY(OXY-1,2-ETHANEDIYL), α -SULFO- ω -(NONYLPHENOXY)-, SODIUM SALT (CAS: 9014-90-8)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 2000 mg/kg Rat

Acute Toxicity (Dermal LD50)

No information available.

Acute Toxicity (Inhalation LC50)

No information available.

Serious eye damage/irritation:

Irritating.

Respiratory or skin sensitisation:

Respiratory sensitisation

No information available.

Skin sensitisation

No information available.

Germ cell mutagenicity:

Genotoxicity - In Vitro

No information available.

Genotoxicity - In Vivo

No information available.

Carcinogenicity:

Carcinogenicity

No information available.

Reproductive Toxicity:

Reproductive Toxicity - Fertility

No information available.

Reproductive Toxicity - Development

No information available.

Specific target organ toxicity - single exposure:

STOT - Single exposure

No information available.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

No information available.

Aspiration hazard:

Not available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment.

Ecological information on ingredients.

POLY(OXY-1,2-ETHANEDIYL), α -SULFO- ω -(NONYLPHENOXY)-, SODIUM SALT (CAS: 9014-90-8)

Ecotoxicity

The product is not expected to be hazardous to the environment.

12.1. Toxicity

Acute Fish Toxicity

Not considered toxic to fish.

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Ecological information on ingredients.

POLY(OXY-1,2-ETHANEDIYL), α -SULFO- ω -(NONYLPHENOXY)-, SODIUM SALT (CAS: 9014-90-8)

Acute Fish Toxicity

Not considered toxic to fish.

Acute Toxicity - Fish

Not known.

Acute Toxicity - Aquatic Invertebrates

Not known.

Acute Toxicity - Aquatic Plants

Not known.

Acute Toxicity - Microorganisms

Not known.

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

Ecological information on ingredients.

POLY(OXY-1,2-ETHANEDIYL), α -SULFO- ω -(NONYLPHENOXY)-, SODIUM SALT (CAS: 9014-90-8)

Degradability

The product is biodegradable.

Stability (Hydrolysis)

Not known.

Biodegradation

Water Degradation (>90%)

Chemical Oxygen Demand

~ 800 g O₂/g substance

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not available.

Ecological information on ingredients.

POLY(OXY-1,2-ETHANEDIYL), α -SULFO- ω -(NONYLPHENOXY)-, SODIUM SALT (CAS: 9014-90-8)

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not known.

12.4. Mobility in soil

Mobility:

The product is soluble in water.

Ecological information on ingredients.

POLY(OXY-1,2-ETHANEDIYL), α -SULFO- ω -(NONYLPHENOXY)-, SODIUM SALT (CAS: 9014-90-8)

Mobility:

The product is soluble in water.

Adsorption/Desorption Coefficient

Not known.

12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

Ecological information on ingredients.

POLY(OXY-1,2-ETHANEDIYL), α -SULFO- ω -(NONYLPHENOXY)-, SODIUM SALT (CAS: 9014-90-8)

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

None known.

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Ecological information on ingredients.

POLY(OXY-1,2-ETHANEDIYL)- α -SULFO- ω -(NONYLPHENOXY)-, SODIUM SALT (CAS: 9014-90-8)

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
Road Transport Notes	Not regulated.
Rail Transport Notes	Not regulated.
Sea Transport Notes	Not regulated.
Air Transport Notes	Not regulated.

14.1. UN number

No information required.

14.2. UN proper shipping name

No information required.

14.3. Transport hazard class(es)

No information required.

14.4. Packing group

No information required.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

No information required.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information required.

SECTION 15: REGULATORY INFORMATION

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

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Date

27/04/2012

Fabric Stain Remover

Revision 1
Supersedes date 22/10/2009

Risk Phrases In Full

R35 Causes severe burns.
R8 Contact with combustible material may cause fire.
R20/22 Harmful by inhalation and if swallowed.
R22 Harmful if swallowed.
R5 Heating may cause an explosion.
R37 Irritating to respiratory system.
NC Not classified.
R41 Risk of serious damage to eyes.

Hazard Statements In Full

H271 May cause fire or explosion; strong oxidiser.
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.

Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made 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.