

SAFETY DATA SHEET

Green Clean Roller Cleaner without alcohol

SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II-EU

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

Date issued 07.04.2015

Revision date 16.10.2014

1.1. Product identifier

Product name Green Clean Roller Cleaner without alcohol

Specification No. # C-2500, C-2520, C2550

Article no.

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

Use of the substance/preparation Hard surface cleaner.

Relevant identified uses SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU4 Manufacture of food products

SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)

PC35 Washing and cleaning products (including solvent based products)

PROC10 Roller application or brushing

ERC8B Wide dispersive indoor use of reactive substances in open systems

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Company name GREEN CLEAN GmbH

Postal address Trimmelkammer Str. 16

Postcode A-5120

City St. Pantaleon

Country AUSTRIA

Tel +43(0)6277 62 304

Fax +43(0)6277 62 304 10

E-mail office@green-clean.at

Website <http://www.green-clean.at>

1.4. Emergency telephone number

Emergency telephone Vergiftungsinformationszentrale: +43 (1) 406 43 43 (0-24 Uhr)

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

2.2. Label elements

Hazard Pictograms (CLP)



Signal word	Danger
Hazard statements	H318 Causes Serious eye damage.
Precautionary statements	P280 Wear eye protection/protective gloves. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use.

2.3. Other hazards

Description of hazard	Vapour or splashes in the eye may cause irritation, redness, smarting and discomfort.
Health effect	Splashes in the eyes may cause redness and irritation.
Environmental effects	This product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
2-Phenoxyethanol	CAS no.: 122-99-6 EC no.: 204-589-7 Index no.: 603-098-00-9	Xn; R22 Xi; R36 Acute tox. 4; H302 Eye Irrit. 2; H319	5 - 10 %
Isotridecanoethoxylate	CAS no.: 69011-36-5 EC no.: 500-241-6 Registration number: 02-2119552461-55-xxxx Synonyms: Alkoholethoxylat	Xn; R22,R41 Acute tox. 4; H302; Eye Dam. 1; H318;	1 - 5 %
Phosphoric acid partial ester, Na salt	CAS no.: 111798-26-6	Skin Irrit. 2;H315; Eye Irrit. 2;H319;	1 - 5 %
Substance comments	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	Remove affected person from source of contamination.
Inhalation	Fresh air. Get medical attention if any discomfort continues.
Skin contact	Rinse with water. Contact physician if discomfort continues.
Eye contact	Immediately rinse with water for several minutes. Make sure to remove any contact lenses from the eyes before rinsing. Contact physician if irritation persists.
Ingestion	Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.
Recommended personal protective equipment for first aid responders	Wear necessary protective equipment. For personal protection, see section 8.

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

Acute symptoms and effects	As described in section 2.2 and 2.3.
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4.3. Indication of any immediate medical attention and special treatment needed

Other Information	If unconscious: Call an ambulance/physician immediately. Show this Safety
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Data Sheet.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Improper extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Personal protective equipment Wear necessary protective equipment. For personal protection, see section 8.

Fire fighting procedures Reference is made to the company fire procedure.
If risk of water pollution occurs, notify appropriate authorities.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal protection measures Wear necessary protective equipment. For personal protection, see section 8.

6.2. Environmental precautions

Environmental precautionary measures Avoid discharge into water courses or onto the ground. Contact local authorities in case of spillage to drain/aquatic environment.

6.3. Methods and material for containment and cleaning up

Cleaning method Smaller quantities of residue may be collected by an absorbent. Dam and absorb spillages with sand, earth or other non-combustible material. Wash contaminated area with water.

6.4. Reference to other sections

Other instructions See section 8 and section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Handling Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage Store in tightly closed original container in a well-ventilated place.

Conditions for safe storage

Storage Temperature Value: -15-20 °C.

Storage Stability Durability: 24 months.

7.3. Specific end use(s)

Specific use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational Exposure limit values**

Substance	Identification	Value	TWA Year
2-Phenoxyethanol	CAS no.: 122-99-6 EC no.: 204-589-7 Index no.: 603-098-00-9		

DNEL / PNEC

Summary of risk management measures, human Data lacking.

Summary of risk management measures, environment Data lacking.

8.2. Exposure controls

Recommended monitoring procedures Not known.

Limitation of exposure on workplace Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Safety signs



Respiratory protection

Respiratory protection Under normal conditions of use respiration protection should not be required.

Hand protection

Hand protection Protective gloves must be used if there is a risk of direct contact or splash.

Eye / face protection

Eye protection Wear approved, tight fitting safety glasses where splashing is probable.

Skin protection

Skin protection (except hands) No special precautions.

Thermal hazards

Thermal hazards See section 5.

Appropriate environmental exposure control

Environmental exposure controls See section 6.

Other Information

Other Information DO NOT SMOKE IN WORK AREA!

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Fluid.
Colour	Colourless.
Odour	Almost odourless.
Comments, Odour limit	No data recorded.
pH (as supplied)	Value: 8-10
Comments, pH (aqueous solution)	Not relevant.
Comments, Melting point / melting range	Not relevant.
Comments, Boiling point / boiling range	No data recorded.
Comments, Flash point	No data recorded.
Comments, Evaporation rate	No data recorded.
Comments, Explosion limit	No data recorded.
Comments, Vapour pressure	No data recorded.
Comments, Vapour density	No data recorded.
Specific gravity	Value: ~ 1,0 kg/l
Comments, Bulk density	Not relevant.
Solubility description	Completely soluble in water.
Comments, Partition coefficient: n-octanol / water	No data recorded.

Comments, Spontaneous combustability	No data recorded.
Comments, Decomposition temperature	No data recorded.
Comments, Viscosity	Not relevant.
Explosive properties	Not explosive.
Oxidising properties	Does not meet the criteria for oxidising.

9.2. Other information

Physical hazards

Comments, Permeation rate	No data recorded.
Comments, Pour point	Not relevant.
Comments, Particle size	Not relevant.
Comments, Critical pressure	No data recorded.
Comments, Expansion coefficient	No data recorded.
Comments, Redox potential	No data recorded.
Comments, Radical formation potential	Not relevant.
Comments, Photocatalytic properties	Not relevant.

Other physical and chemical properties

Comments	No data recorded.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No specific reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	See section 10.4 and section 10.5.
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10.4. Conditions to avoid

Conditions to avoid	No data recorded.
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10.5. Incompatible materials

Materials to avoid	Strong acids. Strong alkalis.
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10.6. Hazardous decomposition products

Hazardous decomposition products	During fire, toxic gases (CO, CO ₂) are formed.
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Other information

Other Information	No data recorded.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological Information:

Other toxicological data	Toxicological tests on the product has not been performed.
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Toxicological data for substances

Substance LD50 oral	No data available for ingredient(s). Value: - - Animal test species: - Duration: - Comments: -
Substance LD50 oral	Isotridecanoethoxylate Value: 500-2000 mg/kg

	Animal test species: Rat
	Test reference: OECD 423
	Comments: Supplier MSDS
Skin corrosion / irritation	Species: Rabbit. Result: Non irritation to skin. Method of testing: OECD 404
Serious eye damage / irritation	Species: Rabbit. Result: Irreversible eye damage. Method of testing: OECD 405

Other information regarding health hazards

General No information about adverse effects due to exposure.

Potential acute effects

Inhalation	Aerosols irritate the respiratory system, and may cause coughing and difficulties in breathing.
Skin contact	Skin irritation is not anticipated when used normally.
Eye contact	Direct contact may irritate. Vapour or spray may cause temporary (reversible) eye damage.
Ingestion	Ingestion may cause irritation of the gastrointestinal tract, vomiting and diarrhoea.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	The product is not expected to be hazardous to the environment.
Aquatic, comments	No data recorded.

Toxicological data for substances

Substance	No data available for ingredient(s).
Aquatic, comments	-
Substance	Isotridecanoethoxylate
Acute aquatic, fish	Value: 1-10 mg/l Method of testing: LC50 - OECD TG 203 Species: Cyprinus carpio Duration: 96h
Acute aquatic, algae	Value: 1-10 mg/l Method of testing: EC50 - OECD TG 201 Species: Desmodesmus subspicatus Duration: 72h
Acute aquatic, Daphnia	Value: 1-10 mg/l Method of testing: EC50 - OECD TG 202 Species: Daphnia magna Duration: 48h
Mobility, description	Mobility, description: The product is miscible with water. May spread in water systems.
Persistence and degradability	The product is easily biodegradable.
Biodegradability	Value: > 60% Test period: 28 d Method of testing: OECD 301B
Chemical oxygen demand (COD)	Value: 2100
Bioaccumulation	Bioaccumulation: Is not expected to be bioaccumulable.
Result of PBT assessment for the substance	Not Classified as PBT/vPvB by current EU criteria.

12.2. Persistence and degradability

Persistence and degradability	The product is expected to be biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.
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12.4. Mobility in soil

Mobility Not regarded as dangerous for the environment. The product is miscible with water. May spread in water systems.

12.5. Results of PBT and vPvB assessment

PBT assessment results Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

Environmental details, summation For this product no classification is required for environmental hazards.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal Do not empty into drains; dispose of this material and its container at hazardous or special waste collection point. Dispose of waste and residues in accordance with local authority requirements.

Product classified as hazardous waste No

Packaging classified as hazardous waste No

EWC waste code EWC: 0706 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics

Other Information When handling waste, consideration should be made to the safety precautions applying to handling of the product. Waste code applies to product remnants in pure form.

SECTION 14: Transport information

14.1. UN number

Comments The labelling "Eye Dam 1 - H318" does not require classification as dangerous goods. The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

Special safety precautions for user Not relevant.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Additional information.

Additional information. Not relevant.

SECTION 15: Regulatory information

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

EEC-directive Dangerous Preparations Directive 1999/45/EC.
Dangerous Substance Directive 67/548/EEC.

Other Label Information As a general rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.

Legislation and regulations The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council

of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.
The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).
EH40/2005, Workplace exposure limits 2005, with amendments.

15.2. Chemical safety assessment

Chemical safety assessment performed No

SECTION 16: Other information

List of relevant R-phrases (under headings 2 and 3).	R36 Irritating to eyes. R22 Harmful if swallowed. R41 Risk of serious damage to eyes.
List of relevant H-phrases (Section 2 and 3).	H318 Causes Serious eye damage. H302 Harmful if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation.
Training advice	No particular training or education is required but the user must be familiar with this SDS. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.
Information which has been added, deleted or revised	New safety data sheet.
Version	1
Responsible for safety data sheet	GREEN CLEAN GmbH
Prepared by	IB