

Issue Date 23-Oct-2013

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Version 1

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

### 1.1. Product identifier

Product Code 3000310  
 Safety data sheet number TECHNOGREEN34  
 Product Name Crystal Rinse  
 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  
 ECOVER CO-ORDINATION CENTER  
 Steenovenstraat 1A  
 2390 Malle Belgium  
 Phone: +32 (0)3 309 2500  
 Fax: +32 (0)3 311 7270

Responsible for placing on the market  
 See Company Name

Email address sds@ecover.com

### 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
Spain	+ 34 91 562 04 20

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

This mixture is not classified as dangerous according to 1999/45/EC

#### Classification

Full text of R-phrases: see section 16

### 2.2. Label elements

#### Classification

Hazard symbols Not dangerous

#### R-Phrases

Not Applicable

#### S phrases

Not Applicable

**2.3. Other hazards**

None under normal use conditions

**SECTION 3: Composition/information on ingredients****substance / mixture**

mixture

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
Citric acid monohydrate	201-069-1	5949-29-1	5-15	Xi; R36	Eye irrit 2	01-2119457026-42
D-Glucopyranose, oligomers, decyl octyl glycosides	500-220-1	68515-73-1	1-5	Xi; R41	Eye Dam 1	01-2119488530-36

**Full text of R-phrases: see section 16****SECTION 4: First aid measures****4.1. Description of first aid measures**

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

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

<b>Eye Contact Symptoms</b>	Causes moderate eye irritation.
<b>Skin Contact Symptoms</b>	PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.
<b>Inhalation Symptoms</b>	None under normal use conditions.
<b>Ingestion Symptoms</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

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

<b>Note to physicians</b>	Treat symptomatically.
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**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable Extinguishing Media**Water  
Foam**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 and protective suit.

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

Avoid contact with eyes.

**6.2. Environmental precautions**

Prevent entry into waterways, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so.

**6.3. Methods and material for containment and cleaning up****Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.**6.4. Reference to other sections**

See Section 8: Occupational Exposure Limits

See 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.

**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

**7.3. Specific end use(s)**

No data available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Derived No Effect Level (DNEL)** No information available**Predicted No Effect Concentration (PNEC)** No information available**8.2. Exposure controls****Personal protective equipment****Eye/face protection**

Wear safety goggles when clearing accidentally released material.

**Hand Protection**

For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls No information available.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Liquid
Odor	characteristic
Color	yellow; brown

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	2.75	
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 Limits in Air		No information available
Upper flammability limits		No information available
Lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Relative density	1.034 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		No information available
Dynamic viscosity		
Explosive properties	No information available	
Oxidizing properties	No information available	

### 9.2. Other information

VOC Content (%)	2.40
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No decomposition under normal conditions of storage and use

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### 10.4. Conditions to avoid

Do not store <0°C and >40°C.

### 10.5. Incompatible materials

None.

### 10.6. Hazardous decomposition products

None under normal use conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information.
<b>Inhalation</b>	No data available.
<b>Eye contact</b>	May cause slight irritation.
<b>Skin Contact</b>	PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.
<b>Ingestion</b>	Hardly toxic.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethanol			= 124.7 mg/L ( Rat ) 4 h

#### Chronic toxicity

<b>Sensitization</b>	See section 15 for any sensitizing ingredients
<b>Target Organ Effects</b>	No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Product</b>	
<b>48h EC50 (daphnia - mg/l)</b>	No data available
<b>Ingredients</b>	
<b>Ecotoxicity</b>	No information available.

### 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.

### 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:

non-ionic surfactants	5 - 15%
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**Water hazard class (WGK)** slightly hazardous to water (WGK 1)

### 15.2. Chemical safety assessment

No information available

## SECTION 16: Other information

### **Full text of R-phrases referred to under sections 2 and 3**

R36 - Irritating to eyes

R41 - Risk of serious damage to eyes

**Issue Date** 23-Oct-2013

**Revision Date** 23-Oct-2013

**Revision Note** First version of this SDS in this format.

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**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**