

Issue Date 25-Sep-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 TG 3000250  
 Safety data sheet number TECHNOGREEN44  
 Product Name Floor Soap  
 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
Limonene (D-)	227-813-5	5989-27-5	0.1-1	R10 Xi; R38-43 N; R50/53	Flam. Liq. 3 Skin Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	01-2119529223-47

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>	Not Applicable.

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

<b>Eye Contact Symptoms</b>	Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
<b>Skin Contact Symptoms</b>	Not expected to present a significant skin hazard under anticipated conditions of normal use.
<b>Inhalation Symptoms</b>	None under normal use conditions
<b>Ingestion Symptoms</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea Abdominal pain

**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: FIRE FIGHTING MEASURES****5.1. Extinguishing media**

**Suitable Extinguishing Media**

All extinguishing media can be used.  
Carbon dioxide (CO<sub>2</sub>)  
Foam  
Water

**Unsuitable Extinguishing Media**

Do not use a solid water stream as it may scatter and spread fire

**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 skin, eyes or clothing.

**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 skin and 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  
Keep from freezing

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

No data available.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

Chemical Name	European Union	United Kingdom	France	Spain	Germany
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Limonene (D-) 5989-27-5			TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>		TWA: 5 ppm TWA: 28 mg/m <sup>3</sup> Ceiling / Peak: 20 ppm Ceiling / Peak: 112 mg/m <sup>3</sup> Skin TWA: 20 ppm TWA: 110 mg/m <sup>3</sup>
<b>Component</b>	<b>Italy</b>	<b>Portugal</b>	<b>Netherlands</b>	<b>Finland</b>	<b>Denmark</b>
Limonene (D-) 5989-27-5 ( 0.1-1 )				TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 50 ppm STEL: 280 mg/m <sup>3</sup>	
<b>Chemical Name</b>	<b>Austria</b>	<b>Switzerland</b>	<b>Poland</b>	<b>Norway</b>	<b>Ireland</b>
Limonene (D-) 5989-27-5		STEL: 40 ppm STEL: 220 mg/m <sup>3</sup> TWA: 20 ppm TWA: 110 mg/m <sup>3</sup>		TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 37.5 ppm STEL: 175 mg/m <sup>3</sup>	

**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. When using do not eat, drink or smoke.

**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** citrus fruits  
**Color** yellow brown

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	11.25	
Melting point/freezing point		No information available
Boiling point/boiling range		No information available
Flash point	> 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	1.022 kg/l	
Water solubility		No information available
Solubility(ies)	completely soluble	No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Kinematic viscosity	680 cP	
Dynamic viscosity		

**Explosive properties** No information available  
**Oxidizing properties** None

**9.2. Other information**

**VOC Content (%)** 0.40

## Section 10: STABILITY AND REACTIVITY

**10.1. Reactivity**

Not Applicable

**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**

**Product Information** Product does not present an acute toxicity hazard based on known or supplied information.

**Inhalation** No data available.

**Eye contact** Not or only slightly irritant due to the composition.

**Skin Contact** Not or only slightly irritant due to the composition.

**Ingestion** Hardly toxic.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Limonene (D-)		> 5 g/kg ( Rabbit )	

**Chronic toxicity**

**Sensitization** See section 15 for any sensitizing ingredients

Contains Limonene (D-). May produce an allergic reaction

**Target Organ Effects** No information available.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Product**  
**48h EC50 (daphnia - mg/l)**                      19.6 Slightly toxic

### Ingredients

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Limonene (D-)		0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50	

### 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

ICAO (air)    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:

soap	15 - 30%
parfum, Limonene (D-), CITRAL	

**15.2. Chemical safety assessment**

No information available

**Section 16: OTHER INFORMATION****Full text of R-phrases referred to under sections 2 and 3**

R10 - Flammable

R43 - May cause sensitization by skin contact

R38 - Irritating to skin

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**Issue Date** 25-Sep-2013

**Revision Date** 25-Sep-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**