

Revision Date 04-Dec-2013

Version 1

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

1.1. Product identifier

Product Code 3000215
 Safety data sheet number TECHNOGREEN32
 Product Name Techno Multi
 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

S2 - Keep out of the reach of children

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
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	500-234-8	68891-38-3	1-5	Xi; R38-41	Eye Dam 1 Skin Irrit. 2	01-2119488639-16 -0017/01-2119488639-16-0020/ 01-2119488639-16-0028/01-2119488639-16-0004
Dipropylene Glycol Monomethyl Ether	252-104-2	34590-94-8	1-5	-		01-2119450011-60
3-butoxypropan-2-ol	225-878-4	5131-66-8	1-5	Xi; R36/38	Eye irrit 2 Skin Irrit. 2 Flam Liq. 3	01-2119475527-28

Full text of R-phrases: see section 16

SECTION 4: First aid measures**4.1. Description of first aid measures**

General advice	If symptoms persist, call a physician.
Eye contact	Wash off immediately with plenty of water. If eye irritation persists: Get medical advice/attention.
Skin Contact	Wash with plenty of water. Remove contaminated clothing and shoes.
Ingestion	Rinse mouth. Do NOT induce vomiting. Get medical attention.
Inhalation	Remove to fresh air.

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

Eye Contact Symptoms	Causes moderate eye irritation.
Skin Contact Symptoms	PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.
Inhalation Symptoms	None under normal use conditions.
Ingestion Symptoms	Abdominal pain Nausea Dizziness

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

Note to physicians	Treat symptomatically.
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SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable Extinguishing Media

All extinguishing media can be used.

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 and skin.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up**Methods for cleaning up**

Recover spilled material as much as possible in a clean container for reuse. Spilled product must be collected with sand or an inert absorbent material and dispose of as chemical waste. Rinse away remainder with water.

6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection

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 in a dry, cool and well-ventilated place

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
Dipropylene Glycol Monomethyl Ether 34590-94-8	S* TWA 50 ppm TWA 308 mg/m ³	STEL: 150 ppm STEL: 924 mg/m ³ TWA: 50 ppm TWA: 308 mg/m ³ Skin	TWA: 50 ppm TWA: 308 mg/m ³	S* TWA: 50 ppm TWA: 308 mg/m ³	TWA: 50 ppm TWA: 310 mg/m ³ Ceiling / Peak: 50 ppm Ceiling / Peak: 310 mg/m ³

Component	Italy	Portugal	Netherlands	Finland	Denmark
Dipropylene Glycol Monomethyl Ether 34590-94-8 (1-5)	TWA: 50 ppm TWA: 308 mg/m ³ Skin	STEL: 150 ppm TWA: 100 ppm	TWA: 300 mg/m ³	TWA: 50 ppm TWA: 310 mg/m ³ Skin	TWA: 50 ppm TWA: 309 mg/m ³ Skin
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Dipropylene Glycol Monomethyl Ether 34590-94-8	Skin STEL 100 ppm STEL 614 mg/m ³ TWA: 50 ppm TWA: 307 mg/m ³	STEL: 50 ppm STEL: 300 mg/m ³ TWA: 50 ppm TWA: 300 mg/m ³	STEL: 480 mg/m ³ TWA: 240 mg/m ³	TWA: 50 ppm TWA: 300 mg/m ³ Skin STEL: 75 ppm STEL: 375 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³ Skin

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 citrus fruits
Color blue

Property	Values	Remarks • Method
pH	10.5	
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 Limit in Air		No information available
Upper Flammability Limit		No information available
Lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Relative density	1.013 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	< 50 mPa.s	No information available
Dynamic viscosity		
Explosive properties	No information available	
Oxidizing properties	None	

9.2. Other information

VOC Content (%) 1.80

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

Acids. Strong oxidizing agents.

10.6. Hazardous decomposition products

DPM may form peroxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Inhalation	No data available.
Eye contact	May cause slight irritation.
Skin Contact	Not or only slightly irritant due to the composition.
Ingestion	Relatively harmless (LD 50 rat-ori-theo >22000 ppm).

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Dipropylene Glycol Monomethyl Ether	= 5230 mg/kg (Rat)	= 9500 mg/kg (Rabbit)	

Chronic toxicity

Sensitization	See section 15 for any sensitizing ingredients
Target Organ Effects	No information available.

SECTION 12: Ecological information

12.1. Toxicity

Product	
48h EC50 (daphnia - mg/l)	No data available
Ingredients	

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Dipropylene Glycol Monomethyl Ether		10000: 96 h Pimephales promelas mg/L LC50 static	1919: 48 h Daphnia magna mg/L LC50

12.2. Persistence and degradability

This product doesn't contain any persistent substances in a concentration of > 0.01 %.

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.

Chemical Name	Partition coefficient
Dipropylene Glycol Monomethyl Ether	-0.064

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:

anionic surfactants, non-ionic surfactants	< 5%
parfum	

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

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

R41 - Risk of serious damage to eyes

R38 - Irritating to skin

R36/38 - Irritating to eyes and skin

Revision Date 04-Dec-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