

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

1.1. Product identifier

Product Code TECHNOGREEN 3000206
Safety data sheet number TECHNOGREEN56
Product Name Citop Zero
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
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	500-234-8	68891-38-3	5-15	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
Alkylpolyglycoside C10-16	600-975-8	110615-47-9	1-5	Xi; R38-41	Eye Dam 1 Skin Irrit. 2	01-2119489418-23
Lactic acid	201-196-2	79-33-4	1-5	Xi; R37/38-41	Eye Dam 1 Skin Irrit. 2	01-2119474164-39

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	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin Contact	Wash off immediately with plenty of water.
Ingestion	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. 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	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

4.3. Indication of any immediate medical attention and special treatment needed**Note to physicians** Treat symptomatically.**Section 5: FIRE FIGHTING MEASURES****5.1. Extinguishing media**

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

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 for fire fighting if necessary.

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 Do not allow into any sewer, on the ground or into any body of water.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Liquid	
Odor	Odorless	
Color	colorless	
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	4	
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	1.036 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	500 cP	
Dynamic viscosity		
Explosive properties	No information available	
Oxidizing properties	No information available	

9.2. Other information

VOC Content (%)	0
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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

Do not mix with other cleaning products.

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	May cause slight irritation.
Skin Contact	PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.
Ingestion	Hardly toxic.

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
Lactic acid	3.5: 70 h Pseudokirchneriella subcapitata mg/L EC50	100 - 180: 96 h Lepomis macrochirus mg/L LC50 static 100 - 180: 96 h Oncorhynchus mykiss mg/L LC50 static 320: 96 h Brachydanio rerio mg/L LC50 semi-static	180 - 320: 48 h Daphnia magna mg/L EC50 Static 240: 48 h Daphnia magna mg/L EC50

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.

Chemical Name	Partition coefficient
Lactic acid	-0.62

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:

anionic surfactants	5 - 15%
non-ionic surfactants	< 5%

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

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

R21 - Harmful in contact with skin
R41 - Risk of serious damage to eyes
R38 - Irritating to skin
R36 - Irritating to eyes
R37/38 - Irritating to respiratory system and skin

Issue Date	26-Sep-2013
Revision Date	26-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