

Citop

311010002

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Trade name : Citop
Type of product : Liquid.
Use : Washing-up liquid containing plant-based anionic surfactant.
Domestic.
Company identification : Ecover Belgium NV
Industrieweg 3
2390 Malle Belgium
e-mail: : sds@ecover.com
Phone : +32 (0)3 309 25 00
Fax : +32 (0)3 311 72 70
Emergency phone nr : +33 (0)1 40 05 48 48 (Centre Antipoison et de Toxicovigilance de Paris)
Responsible for placing on the market : See address above.

2. HAZARDS IDENTIFICATION

Hazards identification : Not classified as dangerous product.
Symptoms relating to use
- **Inhalation** : None under normal conditions.
- **Skin contact** : Prolonged or repeated contact may cause skin to become dry.
- **Eye contact** : May cause eye irritation.
- **Ingestion** : Ingestion may cause nausea, vomiting and diarrhea. Abdominal pain.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation : Preparation.
Components : This product contains hazardous components (Directive 67/548/EEC).
Composition : Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:
5% - 15% : - Anionic surfactants - Nonionic surfactants
Perfumes
LINALOOL.
2-BROMO-2-NITROPROPANE-1,3-DIOL.

Substance name	Contents	CAS No	EC No	Index No	Classification
Sodium Lauryl Ether Sulfate	> 5 < 15 %	68891-38-3	POLYMER	----	Xi; R38-41
Alkyl Poly Glycoside C10-16	> 5 < 15 %	110615-47-9	POLYMER	----	Xi; R38-41
Perfume	> 0.1 < 1 %	----	----	----	Xi; R38 R52-53
2-bromo-2-nitropropane-1,3-diol	> 0.01 < 0.1 %	52-51-7	200-143-0	603-085-00-8	Xn; R21/22 Xi; R37/38-41 N; R50

Linalool : > 0.01 < 0.1 % 78-70-6 201-134-4 ----
INCI : SODIUM LAURETH SULFATE
LAURYL GLUCOSIDE
PARFUM
2-BROMO-2-NITROPROPANE-1,3-DIOL
LINALOOL

4. FIRST AID MEASURES

First aid measures
- **Inhalation** : Not expected to require first aid measures.
- **Skin contact** : Rinse affected area thoroughly with water to remove concentrated product.
Remove contaminated clothing.

Citop**311010002****4. FIRST AID MEASURES (continued)**

- Eye contact : Rinse for a long time with cold, running water.
- Ingestion : Wash out mouth and do not induce vomiting! Let the victim drink 2 glasses of water on his own. Administer 100 mg of Dimethicone within 1 hour. Same treatment in case of ingestion of > 60 ml and seek medical attention immediately.
- Note to physician : Treat symptomatically if heavy vomiting and diarrhoea persist (water and electrolyte). Carry out gastric intubation after having administered Dimethicone and only in case of ingestion of more than 5 swallows without having resulted in vomiting.
- Workplace equipment : No specific recommendations.

5. FIRE-FIGHTING MEASURES

- Specific hazards : None.
- Extinguishing media
- Suitable extinguishing media : All extinguishing media can be used.
- Unsuitable extinguishing media : None.
- Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
See Heading 8.
- Special procedures : Exercise caution when fighting any chemical fire.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Spill area may be slippery. Avoid contact with skin and eyes. Equip cleanup crew with proper protection. See Heading 8.
- Environmental precautions : Avoid release to the environment.
Prevent entry to sewers and public waters.
- Clean up methods : Recover usable material in a clean closable container for reuse. Sweep up contaminated material and dispose of as chemical waste. Remove the remainder with water.

7. HANDLING AND STORAGE

- Protection against fire : Not expected to be a fire/explosion hazard under normal conditions of use.
- Storage : Store in a cool and frost-free place, out of the reach of children.
- Handling : Wear waterproof gloves in case of frequent contact with undiluted product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Personal protection
- Skin protection : Wear waterproof gloves when taking up intensively material which is accidentally released. Persons with a sensitive skin are also recommended to wear waterproof gloves.
- Eye protection : Wear safety goggles when clearing accidentally released material.
- Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Environment protection see § 6

Citop**311010002****9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state at 20 °C	: Liquid.
Colour	: Slightly yellow.
Odour	: Citrus fruits.
pH value (concentrated product)	: 4.5
Density	: 1,032 kg/l
Viscosity	: 510 cP
Solubility in water	: Complete.
Flash point [°C]	: >100
Volatile Organic Compounds (%)	: 0.16
Explosion limits	: None.
Oxidising properties	: None.

10. STABILITY AND REACTIVITY

Stability and reactivity	: No decomposition under normal conditions of storage and use.
Conditions to avoid	: Do not store <0°C and >40°C.
Materials to avoid	: Do not mix with other cleaning products.
Hazardous decomposition products	: None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Skin irritation (Invitox n°99) (ppm)	: 61,4 % (Sodiumdodecylsulphate = 100 %)
Eye irritatie (RBC test: Mean Indices Ocular Irritancy)	: 31,0 %
Evaluation of the security for the human health	
- Dermal	: Irritation due to the composition.
- Ocular	: Irritation due to the composition.
- Ingestion	: Hardly toxic (LD 50 rat-oral-theoretical 5000-15000 ppm).
Sensitization	: Prolonged or repeated skin contact with the material may remove natural oils.
Note	: Contains only ELINCS or EINECS registered raw materials and does not contain any ingredients known to be mutagenic, carcinogenic, teratogenic or reproduction toxic (R45,46,47,49,60,61,63,64, EU 97/C234, 67/548/EEC, 88/379/EEC, OSHA, NTP, IARC/ARAB (cat 1-3)).

12. ECOLOGICAL INFORMATION

Ecological effects information	
Biodegradation [%] Sapromat respirometry test (OECD 301 F)	: 97 Biodegradable.
EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201)	: 206 Hardly toxic.
48 Hour EC50 Daphnia magna [ppm] (OECD 202)	: 42 Slightly toxic
Rotifer toxicity (Brachionus calyciflorus) EC50 24h (ppm) (ASTM E1440-91)	: 13.2 Slightly toxic
Remarks	: Ecover Technogreen products do not contain any bioaccumulating raw materials and no PCM or nitromusk perfume components. The surface active components used in this product fulfill al of the biodegradability requirements of EC regulation 648/2004.

Citop**311010002****13. DISPOSAL CONSIDERATIONS**

- General** : Dispose in a safe manner in accordance with local/national regulations.
- Product** : Waste of this product is considered chemical waste. The legislation concerning disposal of waste can differ from one country/state to another. The disposal should therefore be done according to national or local waste legislation. If in doubt, ask the local waste management authority for advice (also see § 6 and § 8 when disposing of).
- Packaging** : The empty packaging of this product is not subject to ADR. Cleaned empty packaging (including labels and caps) is fully recycable (HDPE + PP); they may be collected selectively for recycling according to national or local waste legislation. Uncleaned packaging should be disposed of as chemical waste.

14. TRANSPORT INFORMATION

- General information** : Not classified.

15. REGULATORY INFORMATION

- Symbol(s)** : None.
- R Phrase(s)** : None.
- S Phrase(s)** : S2 : Keep out of the reach of children.
- EEC Composition of detergents** : 5% - 15% : - Anionic surfactants - Nonionic surfactants
Perfumes
LINALOOL.
2-BROMO-2-NITROPROPANE-1,3-DIOL.

16. OTHER INFORMATION

- Training advice** : For correct use of this product: see Technical Data Sheet.
- List of relevant R phrases (heading 3)** : R21/22 : Harmful in contact with skin and if swallowed.
R37/38 : Irritating to respiratory system and skin.
R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.
R50 : Very toxic to aquatic organisms.
R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Sources of key data used** : Chemiekaarten, 12th edition, 1997, ed. MIA, VMCI, Samson. Occupational Safety and health guideline for ethanolamine OSHA (www). MSDS and additional literature data of the respective suppliers.
Comprehensive guide to chemical resistant best gloves for various amounts of exposure, 1999, ver.3.5 www.
- Print date** : 28 / 1 / 2009
- Further information** : None.

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006

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