

Doucil**CODE: 32103223****1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY**

Trade name : Doucil
Type of product : Liquid.
Use : For professional use only.
Industrial.
Company identification : Ecover Belgium NV
Industrieweg 3
2390 Malle Belgium
Phone : +32 (0)3 309 25 00
Fax : +32 (0)3 311 72 70
Emergency phone nr : +32 (0)70 245 245
Responsible for placing on the market : See address above.

2 COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation : Preparation.
Components : This product is not hazardous but contains hazardous components.
Composition : Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:
5% - 15% : - Cationic surfactants
Perfumes - Preservatives
2-BROMO-2-NITROPROPANE-1,3-DIOL.
BENZYL BENZOATE, BENZYL SALICYLATE, HEXYL CINNAMAL, LINALOOL.

Substance name	Contents	CAS No	EC No	Index No	Classification
Dipropylene glycol methylether (DPM) :	> 0.1 <= 1 %	34590-94-8	252-104-2	-----	R10
Perfume :	> 0.1 <= 1 %	-----	-----	-----	R43
Bronopol (INN) :	<= 0.1 %	52-51-7	200-143-0	603-085-00-8	Xn; R21/22 Xi; R37/38-41 N; R50
Benzyl benzoate :	< 0.1 %	120-51-4	204-402-9	607-085-00-9	Xn; R22
Benzyl salicylate :	< 0.1 %	118-58-1	204-262-9	-----	R43
Hexyl cinnamic aldehyde :	< 0.1 %	101-86-0	202-983-3	-----	R43

INCI : PPG-2 METHYL ETHER
Perfume
2-BROMO-2-NITROPROPANE-1,3-DIOL
BENZYL BENZOATE
BENZYL SALICYLATE
HEXYL CINNAMAL

3 HAZARDS IDENTIFICATION

Hazards identification : Not classified as dangerous product.
Symptoms relating to use
- **Inhalation** : None under normal conditions.
- **Skin contact** : Not expected to present a significant skin hazard under anticipated conditions of normal use.
- **Eye contact** : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- **Ingestion** : Abdominal pain.
Headache.
Weakness.

Doucil**CODE: 32103223****4 FIRST AID MEASURES****First aid measures**

- Inhalation : Not relevant.
- Skin contact : Rinse affected area thoroughly with water to remove concentrated product. Remove contaminated clothing.
- Eye contact : Rinse immediately with plenty of water.
- Ingestion : Wash out mouth and do not induce vomiting. Seek medical attention.
- Note to physician : No specific recommendations.
- 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 : Exercise caution when fighting any chemical fire. See Heading 8.

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions : Spill area may be slippery. Equip cleanup crew with proper protection. See Heading 8.
- Environmental precautions : Avoid release to the environment.
- Clean up methods : 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.

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 in a closed packaging.
- Handling : No specific recommendations.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- Personal protection
- Skin protection : Wear waterproof gloves when taking up intensively material which is accidentally released.
- Eye protection : Wear safety goggles when clearing accidentally released material.
- Respiratory protection : Not relevant.
- Environment protection see § 6
- Occupational Exposure Limits : Dipropylenglycol methylether (DPM) : MAC [mg/m³] : 300
Dipropylenglycol methylether (DPM) : MAC [ppm] : 50

9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at 20 °C : Liquid.
- Colour : Blue.
- Odour : Flower aroma.
- pH value (concentrated product) : 3,2
- Density : 1,00 kg/l

Doucil**CODE: 32103223****9 PHYSICAL AND CHEMICAL PROPERTIES (continued)**

Viscosity at 25°C [mPa.s] (Brookfield LVT) : < 50 mPa.s
Solubility in water : Complete.
Flash point [°C] : > 100
Volatile Organic Compounds (%) : 1.4
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 (RBC test: Denaturation Index) (ppm) : 820 Slight irritant.
Evaluation of the security for the human health
- Dermal : Not irritant due to the composition of the material.
- Ocular : Not irritant due to the composition of the material.
- Ingestion : Relatively harmless (LD 50 rat-ori-theo >22000 ppm).
Sensitization : This product contains sensitizing fragrance components > 100 ppm: see § 2 and 15.
Note : All Techno Green products contain only ELINCS or EINECS registered raw materials and do 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 (cat 1-3))

12 ECOLOGICAL INFORMATION

Ecological effects information
Biodegradation [%] Sapromat respirometry test (OECD 301 F) : 22.5 Partially biodegradable.
EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201) : 222 Hardly toxic.
48 Hour EC50 Daphnia magna [ppm] (OECD 202) : 106 Hardly toxic.
Remarks : Techno Green products do not contain any bioaccumulating raw materials and no PCM or nitromusk perfume components.

13 DISPOSAL CONSIDERATIONS

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.

Doucil**CODE: 32103223****13 DISPOSAL CONSIDERATIONS (continued)**

Uncleaned packaging should be disposed of as non-chemical waste.

14 TRANSPORT INFORMATION

General information : Not classified.

15 REGULATORY INFORMATION

R Phrase(s) : None.
S Phrase(s) : None.
Further Phrases : Contains : - Perfume. May produce an allergic reaction.
EEC Composition of detergents : 5% - 15% : - Cationic surfactants
Perfumes - Preservatives
BENZYL BENZOATE, BENZYL SALICYLATE, HEXYL CINNAMAL, 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 2) : R10 : Flammable.
R21/22 : Harmful in contact with skin and if swallowed.
R22 : Harmful if swallowed.
R37/38 : Irritating to respiratory system and skin.
R41 : Risk of serious damage to eyes.
R43 : May cause sensitization by skin contact.
R50 : Very toxic to aquatic organisms.
Sources of key data used : MSDS and additional literature data of the respective suppliers.
Chemiekaarten, 21th edition, 2006, ed. MIA, VMCI, Samson.
Revision : First version of this MSDS in this new format.
Print date : 28/3/2006

The contents and format of this SDS are in accordance with EEC Commission Directive 2001/58EC.

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