

Alcasan**CODE: 32105511****1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY**

Trade name : Alcasan
Type of product : Liquid.
Use : For professional use only.
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 contains hazardous components (Directive 67/548/EEC).
Composition : Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:
< 5% : - Anionic surfactants - Nonionic surfactants
Perfumes
LIMONENE.

Substance name	Contents	CAS No	EC No	Index No	Classification
Ethanol	> 1 <= 10 %	64-17-5	200-578-6	603-002-00-5	F; R11
Iso-octyl glucoside	> 1 <= 10 %	54549-23-4	259-216-0	-----	Xi; R41
Alkyl(C8-C10)polyglucoside	> 1 <= 10 %	68515-73-1	POLYMER	-----	Xi; R41
Citric acid	> 0.1 <= 1 %	77-92-9	201-069-1	-----	Xi; R36
Sodium n-octyl sulfate	> 0.1 <= 1 %	142-31-4	205-535-5	-----	Xi; R38-41
Perfume	> 0.01 <= 0.1 %	-----	-----	-----	R10 Xn; R65 N; R51-53
Limonene (D-)	> 0.01 <= 0.1 %	5989-27-5	227-813-5	601-029-00-7	R10 Xi; R38 R43 N; R50-53

INCI : ALCOHOL
Iso-octyl glucoside
CAPRYL GLUCOSIDE
CITRIC ACID
Sodium n-octyl sulfate
Perfume
LIMONENE

3 HAZARDS IDENTIFICATION

Hazards identification : Not classified as dangerous product.
Symptoms relating to use
- Inhalation : No special hazards in normal use. Narcotic effects, dizziness and headaches may occur with high vapour concentrations.
- Skin contact : Redness.
- Eye contact : Redness, pain.
Irritation to eyes.
- Ingestion : Abdominal pain.
Diarrhea.
Nausea.
Vomiting.
Fire hazard : Combustible.

Alcasan**CODE: 32105511****3 HAZARDS IDENTIFICATION (continued)**

Above 56°C explosive vapour/air mixtures may be formed.

4 FIRST AID MEASURES**First aid measures**

- Inhalation : Remove victim to fresh air.
Rest.
- Skin contact : Rinse affected area thoroughly with water to remove concentrated product.
Remove contaminated clothing.
- Eye contact : Rinse immediately and for a long time with plenty of water. Seek medical attention if the irritation persists. Inadequate first aid may lead to persisting eye complaints.
- 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.
Alcoholresistant foam.
- Unsuitable extinguishing media : Do not use a heavy water stream.
- Protection against fire : Exercise caution when fighting any chemical fire.
See Heading 8.
- Special procedures : Cool heat-exposed product with water spray.

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions : Spill area may be slippery.
Avoid contact with eyes.
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 : When using do not smoke.
Keep away from sparks, open fire and oxidising agents. Above 56°C closed equipment, ventilation, explosion safe electrical equipment.
- Storage : Store in a cool and frost-free place in a closed packaging.
Keep away from acids and oxidizing agents.
- Handling : Do not breathe spray.

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 and if there is a

Alcasan**CODE: 32105511****8 EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)**

- risk of splashing.
- Respiratory protection : Ensure there is adequate ventilation.
- Environment protection see § 6
- Occupational Exposure Limits : Ethanol : MAC [mg/m³] : 1900
Ethanol : MAC [ppm] : 1000

9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at 20 °C : Liquid.
- Colour : Light brown.
- Odour : Citrus fruits.
- pH value (concentrated product) : 10,5
- Density : 1,03 kg/l
- Viscosity at 25°C [mPa.s] (Brookfield LVT) : < 50 mPa.s
- Solubility in water : Complete.
- Flash point [°C] : 55-100
- Volatile Organic Compounds (%) : 6.1
- Explosion limits : Above 56°C explosive vapour/air mixtures may be formed.
3.4-19 vol % ethanol vapour can react explosive with air (relative density of the mixture = 1.04).
- 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 : Acids.
Reacts violently with strong oxidising agents, causing fire and explosion hazard.
- Hazardous decomposition products : None under normal conditions.

11 TOXICOLOGICAL INFORMATION

- Skin irritation (RBC test: Denaturation Index) (ppm) : 10000 (not irritating).
- Evaluation of the security for the human health
- Dermal : Not or only slightly irritant due to the composition.
- Ocular : Not or only slightly irritant due to the composition.
- Ingestion : Hardly toxic (LD 50 rat-orl-theo 5000-15000 ppm).
- Sensitization : This product contains sensitizing fragrance components > 100 ppm: see § 2 and 15.
- Note : All Techno Green products contain only ELINCS or EINECS registred 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) : 100 Biodegradable.

Alcasan**CODE: 32105511****12 ECOLOGICAL INFORMATION (continued)**

EC50 72h Algae (Senastrum capricornutum) [ppm] (OECD 201) : 77 Slightly toxic

48 Hour EC50 Daphnia magna [ppm] (OECD 202) : > 1000 Not 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 recyclable (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****R Phrase(s)** : None.**S Phrase(s)** : None.**EEC Composition of detergents** : < 5% : - Anionic surfactants - Nonionic surfactants
Perfumes
LIMONENE.**16 OTHER INFORMATION****Training advice** : For correct use of this product: see Technical Data Sheet.**List of relevant R phrases (heading 2)** : R10 : Flammable.
R11 : Highly flammable.
R36 : Irritating to eyes.
R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.
R43 : May cause sensitization by skin contact.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 : Harmful : may cause lung damage if swallowed.**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** : 6/3/2006

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

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MATERIAL SAFETY DATA SHEET
According to 2001/58EC

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connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

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