

Strip-o-clean

CODE: 32104380

Producer

Ecover Belgium NV
Industrieweg 3
2390 Malle Belgium

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Trade name : Strip-o-clean
Type of product : Liquid.
Use : High alkaline floor cleaner and emulsion stripper.
 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 (Antipoison Centre Belgium)
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 - Soap

Substance name	Contents	CAS No	EC No	Index No	Classification
Alkyl polyglycol ether C10-16 with PO and EO	: Between 1 and 10 %	69227-22-1	----	----	Xn; R22 Xi; R41
Propylene glycol n-propyl ether	: Between 1 and 10 %	1569-01-3	216-372-4	----	R10
2-amino-ethanol	: Between 1 and 10 %	141-43-5	205-483-3	603-030-00-8	Xn; R20/21/22 C; R34 Xi; R36/37/38
Propan-2-ol (IPA)	: Between 1 and 10 %	67-63-0	200-661-7	603-117-00-0	F; R11 R67 Xi; R36
Potassium hydroxide	: Between 1 and 10 %	1310-58-3	215-181-3	019-002-00-8	Xn; R22 C; R35
Sodium ethyl hexyl sulfate	: Between 1 and 10 %	126-92-1	204-812-8	----	Xn; R22 Xi; R38-41
Fatty alcohol, ethoxylated, capped	: Between 0.1 and 1 %	146340-16-1	----	----	Xi; R38 N; R50

INCI : Alkyl polyglycol ether C10-16 with PO and EO
 PROPYLENE GLYCOL PROPYL ETHER
 ETHANOLAMINE
 ISOPROPYL ALCOHOL
 POTASSIUM HYDROXIDE
 SODIUM OCTYL SULFATE
 Fatty alcohol, ethoxylated, capped

3 HAZARDS IDENTIFICATION

Hazards identification : According to the Preparation Directive 1999/45/EC this product is classified as:
 Corrosive. Flammable.
Risk Phrases : R10 : Flammable. R34 : Causes burns. R37 : Irritating to respiratory system.
Symptoms relating to use
 - Inhalation : Irritation of the bronchial tract, narcotic effects, dizziness and headaches may occur with high vapour concentrations.
 - Skin contact : Irritation, redness, pain. Prolonged or repeated skin contact causes irritation or

Strip-o-clean**CODE: 32104380****3 HAZARDS IDENTIFICATION (continued)**

- dehydration of the skin and may cause burns. Vapours may cause skin irritation.
- Eye contact : Corrosion, redness, pain. Vapours may be irritating to eyes and may cause corneal damage.
 - Ingestion : Sore throat, coughing , stomachache, diarrhoea, nausea and vomiting.
 - Caution : Flammable. Above 26°C explosive vapour/air mixtures may be formed.

4 FIRST AID MEASURES

- Inhalation : Fresh air, rest in half sitting position. Seek medical advice.
- Skin contact : Rinse affected area thoroughly with water to remove concentrated product. Remove contaminated clothing. Seek medical attention immediately.
- Eye contact : Rinse immediately and for at least 15 minutes with copious amounts of water (also assure adequate flushing under the eyelids and if possible after having removed contact lenses). Bring the victim to an ophthalmist.
- Ingestion : Wash out mouth and do not induce vomiting. Seek medical attention.
- Note to physician : In case of burns, disinfect and treat as thermic wounds. No specific antidote.
- Workplace equipment : Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

5 FIRE-FIGHTING MEASURES

- Suitable extinguishing media : All extinguishing media can be used. Alcoholresistant foam.
- Unsuitable extinguishing media : Do not use a heavy water stream.
- Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures : Exercise caution when fighting any chemical fire. Cool heat-exposed product with water spray.

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions : Avoid contact with skin, eyes and clothes. Wear protective clothing, ensure a good ventilation and avoid all sources of ignition. Pump with explosion-proof equipment. See Heading 8.
- Environmental precautions : Avoid release to the environment. Prevent entry to sewers and public waters.
- Clean up methods : Collect leakage in non-lockable container. Absorb spillage with sand or inert material and transfer to a safe area and dispose of as chemical waste. If desired rinse remainder with water.

7 HANDLING AND STORAGE

- Protection against fire : Keep away from sparks, open fire and oxidising agents. Above 26°C closed equipment, ventilation, explosion safe electrical equipment.
- Storage : Store in a cool, well ventilated and fireproof area, in tightly closed original packaging. Do not store in direct sunlight. Do not store in corrodable metal.
- Handling : No smoking. Avoid contact with skin, eyes and clothes.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- Personal protection
- Skin protection : Always wear protective clothing. Direct skin contact should not occur with normal use. Wear waterproof gloves when cleaning up any accidentally released product (

Strip-o-clean**CODE: 32104380****8 EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)**

- natural rubber, butyl rubber or polyethylene are recommended; PVC gloves are less suitable) and alkaline protective clothes.
- Eye protection : Wear safety goggles if there is a risk of splashing. In case of eye irritation, wear a face-covering filter mask (type A).
 - Respiratory protection : Ensure sufficient ventilation. When exposed to high vapor concentrations wear a respirator for organic vapors (type A).
- Environment protection see § 6
- Occupational Exposure Limits : 2-amino-ethanol : MAC [mg/m³] : 7.6
2-amino-ethanol : MAC [ppm] : 3
Propan-2-ol (IPA) : MAK - Germany [ppm] : 200
Propan-2-ol (IPA) : MAC [mg/m³] : 997
Propan-2-ol (IPA) : MAC [ppm] : 400
Potassium hydroxide : TLV© -STEL [mg/m³] : 2

9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at 20 °C : Liquid.
- Colour : Green.
- Odour : Pine oil
- pH value (concentrated product) : >13
- Density : 1,02 kg/l
- Viscosity at 25°C [mPa.s] (Brookfield LVT) : <50
- Solubility in water : Complete.
- Flash point [°C] : 26
- Volatile Organic Compounds (%) : 12.71
- Explosion limits : 2-12% vol% IPA-vapour can react explosive with air (relative density of the mixture = 1.05). 1,1-UL vol% PNP-vapour can react explosive with air.
- 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 >25°C.
- Materials to avoid : Reacts violently with strong oxidising agents, causing fire and explosion hazard. Acids.
- Hazardous decomposition products : None.

11 TOXICOLOGICAL INFORMATION

- Skin irritation (RBC test: Denaturation Index) (ppm) : No reliable data available.
- Evaluation of the security for the human health
 - Dermal : Irritation due to the composition.
 - Ocular : Irritation due to the composition of the material. The high degree of acidity constitutes a risk of permanent eye damage.
 - Ingestion : Hardly toxic(LD 50 rat-oral-theoretic >3000 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)).

Strip-o-clean**CODE: 32104380****12 ECOLOGICAL INFORMATION****Ecological effects information**

Biodegradation [%] Sapromat respirometry test (OECD 301 F) : No data available.

EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201) : > 100 Hardly toxic.

48 Hour EC50 Daphnia magna [ppm] (OECD 202) : 44 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 all of the biodegradability requirements of EC regulation 648/2004.

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 should be disposed of chemical waste according to national or local waste legislation. Empty, cleaned packaging is not subject to ADR.

14 TRANSPORT INFORMATION

General information : Land transport.

UN No. : 2924

H.I. nr : 38

ADR/RID : Group : III
Class : 3

- Proper shipping name : FLAMMABLE LIQUID, CORROSIVE, N.O.S. (potassium hydroxide, ethanolamine, isopropyl alcohol, propylene glycol propyl ether)

Labelling ADR



Personal precautions : The driver shall not attempt to deal with any fire of the load.

In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.

Emergency action in case of accident : Mark roads and warn other road users.

Additional information : None.

- Limited Quantity : LQ 7
Combination packagings - Inner packaging : Maximum : 5 l
Combination packagings - Package : Maximum : 30kg
Inner packagings placed in shrink-wrapped or stretch-wrapped trays - Inner packaging : Maximum contents : 5 l
Inner packagings placed in shrink-wrapped or stretch-wrapped trays - Package Maximum : 20 kg
In the case of homogenous mixtures of Class 3 containing water, the quantities specified relate only to the substance of Class 3 contained in those mixtures.**15 REGULATORY INFORMATION**

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Symbol(s)



R Phrase(s)

: C : Corrosive.
: R10 : Flammable.
: R34 : Causes burns.
: R37 : Irritating to respiratory system.

S Phrase(s)

: S3 : Keep in a cool place.
: S16 : Keep away from sources of ignition - No smoking.
: S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
: S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.
: S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).

EEC Composition of detergents

: < 5% : - Anionic surfactants - Nonionic surfactants - Soap

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.
: R20/21/22 : Harmful by inhalation, in contact with skin and if swallowed.
: R22 : Harmful if swallowed.
: R34 : Causes burns.
: R35 : Causes severe burns.
: R36 : Irritating to eyes.
: R36/37/38 : Irritating to eyes, respiratory system and skin.
: R38 : Irritating to skin.
: R41 : Risk of serious damage to eyes.
: R50 : Very toxic to aquatic organisms.
: R67 : Vapours may cause drowsiness and dizziness.

Sources of key data used

: MSDS and additional literature data of the respective suppliers.
Chemical cards, 21th edition, 2006, ed. MIA, VMCI, Samson
Comprehensive guide to chemical resistant best gloves for various amounts of exposure, 1999, ver.3.5 www

Revision

: Revision - See : *

Print date

: 30/5/2006

Further information

: None.

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

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