

**DB-stop****CODE: 32105522****1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY**

Trade name : DB-stop  
Type of product : Caustic soda.  
Use : Industrial.  
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% : - Nonionic surfactants

Substance name	Contents	CAS No	EC No	Index No	Classification
Sodium hydroxide	: Between 10 and 100 %	1310-73-2	215-185-5	011-002-00-6	C; R35
INCI	: SODIUM HYDROXIDE				

**3 HAZARDS IDENTIFICATION**

Hazards identification : According to the Preparation Directive 1999/45/EC this product is classified as:  
Corrosive.  
Risk Phrases : R35 : Causes severe burns.  
- Inhalation : None under normal conditions.  
- Skin contact : Causes severe burns.  
- Eye contact : Decrease of vision.  
Redness, pain.  
- Ingestion : Cramps.  
Diarrhea.  
Vomiting.

**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.  
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 : Rinse mouth.  
Give water to drink.  
Do not induce vomiting.  
Take to hospital.  
Note to physician : No specific recommendations.  
Workplace equipment : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**DB-stop****CODE: 32105522****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.  
Exercise caution when fighting any chemical fire.

**6 ACCIDENTAL RELEASE MEASURES**

- Personal precautions** : Avoid contact with skin, eyes and clothes.  
Wear proper protective equipment.  
Spill area may be slippery.  
See Heading 8.
- Environmental precautions** : Avoid release to the environment.  
Prevent entry to sewers and public waters.
- 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; separated from acids and water.
- Handling** : Avoid contact with skin, eyes and clothes.

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Personal protection**
- **Skin protection** : Wear waterproof gloves when using or handling this product.  
Wear waterproof gloves and alkaline protective clothing when taking up intensively material which is accidentally released.
  - **Eye protection** : Wear safety goggles when clearing accidentally released material and if there is a risk of splashing.
  - **Respiratory protection** : Ensure sufficient ventilation when taking up intensively material which is accidentally released.
- Environment protection see § 6**
- Occupational Exposure Limits** : Sodium hydroxide : MAC [mg/m<sup>3</sup>] : 2

**9 PHYSICAL AND CHEMICAL PROPERTIES**

- Physical state at 20 °C** : Liquid.
- Colour** : Colourless.
- Odour** : Not perfumed.
- pH value (concentrated product)** : > 13
- Density** : 1,16 kg/l
- Viscosity at 25°C [mPa.s] (Brookfield LVT)** : < 50
- Solubility in water** : Complete.
- Flash point [°C]** : >100
- Volatile Organic Compounds (%)** : 0
- Explosion limits** : None.

**DB-stop****CODE: 32105522****9 PHYSICAL AND CHEMICAL PROPERTIES (continued)**

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 &lt;0°C and &gt;40°C.

Materials to avoid : Do not mix with acids. Never pour water in the product, but pour the product slowly in water. Do not store in PET. Reacts violently with peracetic acid.

Hazardous decomposition products : Ammonium is released under the influence of ammonium salts. Aluminium and zinc are dissolved slowly under formation of hydrogen.

**11 TOXICOLOGICAL INFORMATION**Skin irritation (RBC test: Denaturation : No data available.  
Index) (ppm)Evaluation of the security for the  
human health

- Dermal : Corrosive.

- Ocular : Corrosive. The high pH value may lead to permanent eye damage.

- Ingestion : Hardly toxic (LD 50 rat-oral-theoretic 500-5000 ppm).  
Toxicological effects mainly due to corrosive properties.

Sensitization : To the best of our knowledge, this product contains no sensitizing raw materials.

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) : No data available.EC50 72h Algae (*Selenastrum*  
*capricornutum*) [ppm] (OECD 201) : 162 Hardly toxic.48 Hour EC50 *Daphnia magna* [ppm]  
(OECD 202) : 688 Hardly toxic.Remarks : Techno Green products do not contain any bioaccumulating raw materials and no  
PCM or nitromusk perfume components.**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.

**DB-stop****CODE: 32105522****14 TRANSPORT INFORMATION**

UN No. : 1760  
H.I. nr : 80  
ADR/RID : Class : 8  
Group : II  
- Proper shipping name : CORROSIVE LIQUID, N.O.S. (sodium hydroxide)  
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 warns other road users.  
Additional information : None.  
- Limited Quantity : LQ 22

**15 REGULATORY INFORMATION**

Symbol(s)



: C : Corrosive.  
R Phrase(s) : R35 : Causes severe burns.  
S Phrase(s) : 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% : - Nonionic surfactants

**16 OTHER INFORMATION**

Training advice : For correct use of this product: see Technical Data Sheet.  
List of relevant R phrases (heading 2) : R35 : Causes severe burns.  
Sources of key data used : MSDS and additional literature data of the respective suppliers.  
Chemiekaarten, 12th edition, 1997, ed. MIA, VMCI, Samson.  
Revision : First version of this MSDS in this new format.  
Print date : 9/11/2006  
Further information : None.

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

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