

**Flo Hand Wash****CODE: 32106421****1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY**

**Trade name** : Flo Hand Wash  
**Type of product** : Liquid.  
**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 is not hazardous but contains hazardous components.

Substance name	Contents	CAS No	EC No	Index No	Classification
Cocos fatty acid diethanolamide	: Between 1 and 10 %	61791-31-9	263-163-9	-----	Xi; R38-41

**INCI** : AQUA, COCAMIDE DEA, SODIUM CHLORIDE, COCO-GLUCOSIDE, PARFUM, 2-BROMO-2-NITROPROPANE-1,3-DIOL, BENZYL BENZOATE, BENZYL SALICYLATE, HEXYL CINNAMAL, LINALOOL, DENATONIUM BENZOATE.

**3 HAZARDS IDENTIFICATION**

**Hazards identification** : Not classified as dangerous product.  
**Risk Phrases** : None.  
**Symptoms relating to use**  
- **Inhalation** : None under normal conditions.  
- **Skin contact** : Prolonged or repeated contact may cause skin to become dry.  
- **Eye contact** : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.  
- **Ingestion** : Bitrex makes it virtually impossible to ingest this product.

**4 FIRST AID MEASURES**

**First aid measures**  
- **Inhalation** : Not relevant.  
- **Skin contact** : No specific recommendations.  
- **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.  
Seek medical attention if ill effect develops.  
**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.

**Flo Hand Wash****CODE: 32106421****5 FIRE-FIGHTING MEASURES (continued)**

- 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.  
Avoid contact with eyes.  
Equip cleanup crew with proper protection.  
See Heading 8.
- Environmental precautions : Avoid release to the environment.
- 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 in a closed packaging.
- Handling : Avoid contact with eyes.

**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

**9 PHYSICAL AND CHEMICAL PROPERTIES**

- Physical state at 20 °C : Viscous liquid.
- Colour : White.
- Odour : Fantasy.
- pH value (concentrated product) : 7
- Density : 1,03 kg/l
- Viscosity at 25°C [mPa.s] (Brookfield LVT) : 5000 mPa.s
- Solubility in water : Complete.
- Flash point [°C] : > 100
- Volatile Organic Compounds (%) : 0.5
- 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.
- Hazardous decomposition products : None under normal conditions.

**Flo Hand Wash****CODE: 32106421****11 TOXICOLOGICAL INFORMATION**

- Skin irritation (RBC test: Denaturation Index) (ppm)** : 107 (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-oral-theoretical >11000 ppm). Bitrex renders it virtually impossible to ingest this product.
- 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)** : 84
- EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201)** : > 1000 Not toxic.
- 48 Hour EC50 Daphnia magna [ppm] (OECD 202)** : 116 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. 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.

**16 OTHER INFORMATION**

- Training advice** : For correct use of this product: see Technical Data Sheet.
- List of relevant R phrases (heading 2)**: R38 : Irritating to skin.  
R41 : Risk of serious damage to eyes.

**Flo Hand Wash****CODE: 32106421****16 OTHER INFORMATION (continued)**

<b>Sources of key data used</b>	: MSDS and additional literature data of the respective suppliers. Chemical cards, 12th edition, 1997, ed. MIA, VMCI, Samson Comprehensive guide to chemical resistant best gloves for various amounts of exposure, 1999, ver.3.5 www Gloxhuber C, Künstler K, 1992. Anionic Surfactants, Surfactant Science Series 43, ed M.Dekker.
<b>Revision</b>	: First version of this MSDS in this new format.
<b>Print date</b>	: 15 / 1 / 2007

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

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