

ESTESOL

Version 2 Revision date: 15.01.2004

Print date: 09.09.2005

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Product information

Product name : ESTESOL

COMPANY : Stockhausen GmbH
Bäckerpfad 25

47805 Krefeld

Telephone : ++49-2151-38-1370
Emergency phone : ++49-2151-38-1370
Telefax : ++49-2151-38-1647

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation:

Description: : Skin cleanser with anionactive and nonionic surfactants.

3. HAZARDS IDENTIFICATION

No particular hazards known.

4. FIRST AID MEASURES

Eye contact : Rinse with much water for a prolonged time - if ill effects occur seek medical advice.

Ingestion : If ill effects occur seek medical advice immediately.

5. FIRE-FIGHTING MEASURES

Specific hazards during fire fighting : None known.

Special protective equipment for firefighters : No special requirements.

Suitable extinguishing media : Water mist, foam, carbon dioxide, dry powder

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Collect with absorbents. Flush small residuals with much water into the drain for subsequent biological waste effluent treatment.

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7. HANDLING AND STORAGE

Handling

Safe handling advice : no special requirements

Storage

Requirements for storage : no special requirements
areas and containers

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Base : MAK
Remarks: : Not applicable.

Personal protection equipment

Hand protection : Note: Does not apply.

Eye protection : Does not apply.

Hygiene measures : Obey reasonable safety precautions and practise good housekeeping.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid

Colour : green.

Odour : perfumed

Other data

Fusing temperature : 0 °C

Starts to boil at : ~100 °C

Flash point : Not applicable.

Ignition temperature : Not applicable.

Upper explosion limit : Not applicable.

Density : ~ 1,03 g/cm³
at 20,0 °C

Water solubility : at 20,0 °C
soluble

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pH : ~ 5,3
at 100,0 g/l (20,0 °C)

Viscosity, dynamic : ~ 1.700,0 mPa.s
at 20,0 °C

10. STABILITY AND REACTIVITY

Thermal decomposition : Stable under usual application conditions.

11. TOXICOLOGICAL INFORMATION

Further information : Based on knowledge of the properties of the components, adverse effects on human health are not to be expected in normal use.

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Biodegradability : Result: The biodegradability of the surfactants used meets the surfactant regulations of the Federal Republic of Germany. Prevent concentrated product from penetrating into waters without biological waste water treatment.

BOD : Method: DEV H 51 (dyn., Sapromat)
BOD: 91,0 mg/g

Chemical Oxygen Demand (COD) : 201 mg O₂/g
Method: DEV H 41 / DIN 38409

13. DISPOSAL CONSIDERATIONS

Product : Dispose of whilst observing local legal regulations, e.g. in a suitable incineration plant.

Contaminated packaging : Undamaged packaging may be responsibly reused after proper cleaning.

14. TRANSPORT INFORMATION

Land transport

ADR:

Not dangerous goods

RID:

Not dangerous goods

