

TRAVABON

Version 2 Revision date: 28.11.2005

Print date: 29.11.2005

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

Product information

Product name : TRAVABON

COMPANY :

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

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation:

Description: : Suspension of inorganic pigment in an aqueous solution with anion-active and non-ionic-active surfactants

3. HAZARDS IDENTIFICATION

No particular hazards known.

4. FIRST AID MEASURES

Eye contact : Rinse for a prolonged period with plenty of water; if necessary, consult a doctor.

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 and 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 : Cream
Colour : grey
Odour : perfumed

Other data

Fusing temperature : < -5 °C
Starts to boil at : ~ 100 °C
Flash point : > 100 °C
 Method: DIN EN 22719
Ignition temperature : Not applicable.
Upper explosion limit : Not applicable.
Density : ~ 1,24 g/cm³
 at 20,0 °C
Water solubility : at 20,0 °C
 soluble except for the pigment

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pH : ~ 5,5
at 100,0 g/l (20,0 °C)

Viscosity, dynamic : at 20,0 °C
Not applicable.

10. STABILITY AND REACTIVITY

Thermal decomposition : Stable under usual application conditions.

11. TOXICOLOGICAL INFORMATION

Further information : The product has proved to be harmless to the skin in human trials and clinical tests as well as in practical use., Based on knowledge of the properties of the contents no injurious effects are to be expected when used according to instructions.

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: 102,0 mg/g

Chemical Oxygen Demand (COD) : 153,0 mg/g
Method: DEV H 41 / DIN 38409
readily biodegradable.

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

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RID:

Not dangerous goods

Sea transport

IMDG:

Not dangerous goods

Air transport

ICAO/IATA:

Not dangerous goods

15. REGULATORY INFORMATION

Labelling according to EEC Directive

General advice : not subject to compulsory marking

National legislation / regulations

German "Flammable Liquids" : Not applicable.
classification (BetrSichV)

Water contaminating class : 1 slightly hazardous to water (self classification) Law of mixtures
(Annex 4 No. 3 VwVwS)

TA Luft (Germany) : Not applicable.

Other regulations : The product is subject to cosmetics regulations.

16. OTHER INFORMATION

Alterations: section 15

Contact Person: Services Krefeld/Laboratorium für Toxikologie und
Ökologie/Produktsicherheit

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.