

ARRETIL

Version 1 Revision date: 01.04.2005

Print date: 10.09.2005

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

Product information

Product name : ARRETIL

COMPANY : Stockhausen GmbH
Bäckerpfad 25

47805 Krefeld

Telephone : ++49-2151-38-1370

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation:

Description: : Preparation of fatty substances, oil-in-water emulsion, with inorganic pigments

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 areas and containers : Store between 5 and 50 C.

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 : beige
Odour : unperfumed

Other data

Fusing temperature : ~ 0 °C
Starts to boil at : ~100 °C
Flash point : > 100 °C
Method: DIN 51758
Ignition temperature : not determined
Upper explosion limit : Not applicable.
Density : ~ 1,18 g/cm³
at 20,0 °C
Water solubility : at 20,0 °C
soluble except for the pigment

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pH : ~ 9,0
at 100,0 g/l (20,0 °C)

Viscosity, dynamic : at 20,0 °C
not determined

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., The product has proved to be completely harmless to the skin in human trials as well as in practical use., Department for Research and Development (Cosmetics) of the Stockhausen GmbH, Krefeld

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Biodegradability : Prevent concentrated product from penetrating into waters without biological waste water treatment.

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

Sea transport

IMDG:

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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 9

Datenblatt ausstellender Bereich: LTÖ/Produktsicherheit

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

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