SAFETY DATA SHEET

VOLTRONIC VISCO PLUS E55

Issued: 26.09.2008

Revision No: 1

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

Product name: VOLTRONIC VISCO PLUS E55

Product code: E55

Use of substance / preparation: Oiladditiv liquid

Company name: VOLTRONIC & ACT GmbH

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2. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: AMIDE, COCOS, N.N-BIS(HYDROXYETHYL), REAKTIONSPRODUKTE MIT COCOSMONOGLYCERIDEN U. MOLYBDÄNOXID <1%

CAS: 445409-27-8

[N] R51/53

- ZINKALKYLDITHIOPHOSPHAT <1%

  [Xi] R36/38

4. FIRST AID MEASURES (SYMPTOMS)

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Do not induce vomiting. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Dry chemical powder. Alcohol resistant foam.

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Protection of fire-fighters: Wear self-contained breathing apparatus.

[cont...]

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Mix with sand or vermiculite. Refer to section 13 of SDS for suitable method of disposal.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

Storage conditions: The floor of the storage room must be impermeable to prevent the escape of liquids. Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging. Steel drums. Polyethylene.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids.

Hand protection: Gloves (oil-resistant). Breakthrough time of the glove material > 4 hours.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Oil

Colour: Yellow-brown

Odour: Characteristic odour

Solubility in water: Insoluble

Viscosity: Highly viscous

Viscosity value: 3818

Viscosity test method: Kinematic viscosity in 10-6 m2/s at 40°C (ISO 3104/3105)

Boiling point/range°C: 160

Flash point°C: 180

Relative density: 0,88

VOC g/l: 17

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: ZINKALKYLDITHIOPHOSPHAT

ORL RAT LD50 3144 mg/kg

SKN RBT LD50 >2000 mg/kg

[cont...]

12. ECOLOGICAL INFORMATION

Mobility: Floats on water.

Persistence and degradability: Only slightly biodegradable.

Bioaccumulative potential: Bioaccumulation potential.

Other adverse effects: Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal operations: D9 Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are disposed of by means of any of the operations in this Annex (e.g. evaporation, drying, calcination, etc.).

R8 Oil re-refining or other re-uses of oil.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: -

Shipping name: NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

IMDG / IMO

UN no: -

IATA / ICAO

UN no: -

15. REGULATORY INFORMATION

Hazard symbols: No significant hazard.

Safety phrases: S2: Keep out of the reach of children.

Water hazard class: 2 Classification by VwVwS

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.3: R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R36/38: Irritating to eyes and skin.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall

[cont...]

be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.