Material Safety Data Sheet in accordance with 91/155/EWG

Product name: Kapusol

Print date: 15/04/2004       Date of last revision: 15/04/2004

1. Identification of the substance/preparation and of the company
1.1 Name of the substance or preparation

KAPUSOL
KAPUSOL Cleaning emulsion
Packaging 4kg

Company name:
D-M-E Belgium
Oude baan 1
Industriepark Noord G1
2800 - Belgium

Tel.: +32 - 15 21 50 11
Fax.: +32 - 15 21 82 35

Emergency number: +32 - 2 245245

2. Composition and information on ingredients
2.1 Chemical characterisation % ratio Sym. CAS No. MAC Value
Aluminium Oxide < 30 --- 1344-28-1 6mg/m³
Glass powder < 30 --- 65997-17-3 ---
Phosphoric acid < 1 C 7664-38-2 2ml/m³
Ammonia solution < 5 Xi 1336-21-6 25mg/m³
Fatty Alcohol and Polyglycol Ethers < 5 Xi 69011-36-5 ---
Poly saccharides < 5 --- 11138-66-2 6mg/m³
Petroleum < 30 Xn 8008-20-6 135mg/m³
Water < 30 --- 7732-18-5 ---

3. Potential hazards
3.1 For humans
Also see point 15
Contact with skin can result in irritation
Contact can also cause irritation to mucous membranes

3.2 For the environment
Also see point 15
Higher pH value can cause damage to waterways

4. First Aid measures
4.1 Inhalation
Take person outside into the fresh air. If symptoms worsen, contact a physician.
Remove person from the hazardous zone.

4.2 Eye contact
Rinse for several minutes with copious water; contact a doctor if necessary.

4.3 Skin contact
Wash thoroughly with copious water; remove any affected or permeated clothing; if skin is
irritated (if it has become red), consult a doctor.

4.4 Ingestion
See a doctor immediately.

4.5 Required provisions for first aid.
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___________________________________________________________________________
Not tested

5. Fire-fighting measures
5.1 Suitable extinguishing products
   Foam/CO²/Dry powder extinguisher
5.2 Unsuitable extinguishing method
   For safety reasons: full stream of water
5.3 Special hazards of fire residue and formation of gases during burning:
   Nitrous oxide and crack products can develop when burning.
5.4 Special protective gear:
   Wear normal protective clothing in cases of fire
   Depending on the size of the fire, wear full protection.

6. Measures to take if the substance or preparation is accidentally released
6.1 Personal precautions
   Avoid contact with eyes and skin
6.2 Environmental precautions
   If large amounts are released, dam in
   Avoid penetration into surface water, groundwater and soil.
6.3 Instructions for cleaning
   Wipe up with absorbent materials and dispose of them as specified in point 13.

7. Handling and storage
7.1 Handling
   Instructions for risk-free use
   See point 6.1
   Use only as instructed in the application sheet
7.2 Storage and stocking
   Requirements for storage space and persons storing the product.
   Do not stack product in walkways or stairwell exits
   Stack product in sealed, original packaging
   Keep away from sources of sparks and do not smoke
   Keep away from heat
   Can remain in stock for up to 2 years
8. Limits of exposure and personal protection

Chemical description | MAC Value
--- | ---
Ammonia | 25ml/m³
Phosphoric acid | 2 ml/m³

8.1 Respirator: required if the MAC values are exceeded

8.2 Hand protection: Protective gloves

8.3 Eye protection: Wear safety goggles with side protection

8.4 Bodily protection: Wear protective clothing.

9. Physical and chemical properties

Form: Liquid (emulsion)
Colour: White
Odour: ammonia-like
Boiling/melting point: 100°C (Water) 180-220°C (Petroleum)
Flash point: 72°C (Din 51755)
Specific gravity: 1.28
Water-soluble: Mixable

10. Stability and reactivity

10.1 Conditions to avoid
See point 7

10.2 Contact with materials to be avoided
Avoid contact with certain metals such as sodium (Hydrogen gas may be created)

10.3 Hazardous derivative products.
See point 5.3

10.4 Additional instructions
None

11. Toxicological information

11.1 Acute toxicity
Ammonia LD50 ratio quantity via the mouth 350mg/kg (water-free substance)
Phosphoric acid LD50 ratio quantity 1530mg/kg
Petroleum LD50 ratio quantity >6000 mg/kg

11.2 Chronic effect
11.2.1 Sensitising effect: no data available
11.2.2 Carcinogenic effect: no data available
11.2.3 Genetic mutation effect: no data available
11.2.4 Reproductive inhibiting effect: no data available
11.2.5 Addictive effect: no data available

12. Ecological information

12.1 Water hazard category | 1
12.2 Separation by settling | YES
12.3 Degradable | no data available
12.4 Behaviour in wastewater facilities | See point 3.2
12.5 Water toxicity | no data available
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12.6 Environmental toxicity

no data available

13. Instructions for removal

13.1 For the substance/preparation/residues
Follow locally-stipulated regulations

13.2 For contaminated packaging materials
Follow locally-stipulated regulations

14. Information regarding transport

No hazardous material according to GGVS/ADR

15. Legally-required information

Designation according to Hazardous Substance code including EC directive 67/548/EWG
Designation not required

16. Other information

This information pertains to the product in the state in which it is supplied.

Legend:
MAC = Maximum allowable concentration in ml/m³ = ppm.

The above data is provided for the purpose of protecting safety and not as a guarantee of certain technical properties.
All data is based on the current state of knowledge.

D-M-E disclaims any responsibility.

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