



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

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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/m ³
	Glass powder	< 30	---	65997-17-3	---
	Phosphoric acid	< 1	C	7664-38-2	2ml/m ³
	Ammonia solution	< 5	Xi	1336-21-6	25mg/m ³
	Fatty Alcohol and Polyglycol Ethers	< 5	Xi	69011-36-5	---
	Polysaccharides	< 5	---	11138-66-2	6mg/m ³
	Petroleum	< 30	Xn	8008-20-6	135mg/m ³
	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



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8. Limits of exposure and personal protection

	Chemical description	MAC Value
	Ammonia	25ml/m ³
	Phosphoric acid	2 ml/m ³
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
In the event of fire: corrosive gases may develop
- 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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