

Material Safety Data Sheet

according to 91/155/EEC, modified by 1272/2008

1 – Product and Company Information

PRODUCT NAME	KAPUSOL 750gr bottle	KAPUSOL 4kg cans	KAPUSOL 25kg drum
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COMPANY

DME Europe C.V.B.A. Schaliënhoedreef 20-D RPR - RPM Mechelen BE-2800 Mechelen.	P +32 15 28 87 30 F +32 15 40 51 17 www.milacron.com
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2 – Composition/Information on Ingredients

Substances which are present in a percentage superior to the limits of exemption and present a danger for the health and/or the environment and/or a common limit value for the working place

Ingredient Name	Content %	CAS #	EC no	R
Aluminium oxide	< 25	1344-28-1	215-691-6	R37,S2,S22 ,S24/25
Ammonia aqueous	< 2	1336-21-6	215-647-6	
Polysaccharide	< 5	11138-66-2	234-394-2	
Glycol/Petroleum	< 25	56-81-5	200-289-5	
Water	< 25	7732-18-5	231-791-2	

3 – Hazards Identification

SPECIAL INDICATION OF HAZARDS TO HUMAN AND THE ENVIROMENT



3.1

H317 – May cause an allergic skin reaction
H319 – Causes serious eye irritation
H355 – May cause respiratory irritation

P301-312: If swallowed call a poison centre or doctor, if you feel unwell

P304-340: If inhaled remove victim to fresh air and keep at rest in a position comfortable for

breathing

P302-352: If on skin wash with plenty of soap and water

4 – First Aid Measures

AFTER INHALATION

If inhaled, remove to fresh air.

AFTER EYE CONTACT

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

AFTER SKIN CONTACT

In case of contact, immediately wash skin with soap.

AFTER INGESTION

If swallowed, wash out mouth with water provided person is conscious. Induce no vomiting. Call a physician.

5 – Fire Fighting Measures

EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder or appropriate foam.
Unsuitable: Water jet

SPECIAL RISKS

Specific Hazards: Emits toxic fumes under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear protective clothing to prevent contact with skin and eyes.

6 – Accidental Release Measures

PERSONAL PRECAUTION PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL

Avoid contact with eyes or skin.

ENVIRONMENT PRECAUTION

If leakage occurs, dam up.

Prevent surface and ground-water infiltration, as well as ground penetration

METHODS FOR CLEANING UP

Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

7 – Handling and Storage

HANDLING

Directions for Safe Handling: Do not breathe vapour. Avoid contact with eyes and skin.

STORAGE

Conditions of storage
Keep tightly closed
Keep away from heat and open flame
Protect against direct sun light

8 – Exposure Controls/Personal Protection

ENGINEERING CONTROLS

An eye bath.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

EXPOSURE LIMITS – GERMANY

Aluminium oxide	6 mg/m ³
Ammonia	14 mg/m ³
Petroleum	200 mg/m ³

PERSONAL PROTECTIVE EQUIPMENT

Hand Protection:	Working gloves
Eye Protection:	Chemical safety goggles
Body Protection:	Normal working clothing

9 - Physical and Chemical Properties

Appearance	Physical State: viscose fluid Colour: white Odour: ammonia
BP/ BP Range (°C)	100 (water) = 212°F
Flash point (°C)	177 (DIN 51755) = 350,6°F
Viscosity	4000 mPas (25°C) 3100 mPas (40°C)
Density (g/cm ³)	1,28
Solubility with water	mixable

10 – Stability and Reactivity

STABILITY

Stable:	stable
Conditions to avoid:	high temperatures in the warehouse
Materials to avoid:	Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide

11 – Toxicological Information

Acute Toxicity

Ammonia LD50 (oral, rat) 350 mg/kg

Glycerine LD50 (oral, rat) > 12600 mg/kg.

Chronic effect	N/A
Sensitizing effect	N/A
Carcinogenic effect	N/A
Mutagenic effect	N/A
Reproductively effect	N/A
Narcotic effect	N/A

EXPOSITION

Skin contact: Can produce skin irritation

Eye contact: Can excite the eyes

Inhalation: Inhalation can damage your health. The product can irritate the mucous membranes and the upper respiratory tract.

12 – Ecological Information

WGK (Germany)	2
Self classification:	yes
Degradability:	not
Aquatic toxicity:	N/A
Eco-toxicity:	N/A
Avoid contact with natural water.	

13 – Disposal Considerations

SUBSTANCE DISPOSAL

Note directions especially European, national and regional directions.

DISPOSAL PACKAGING MATERIAL

Note directions especially European, national and regional directions.

14 – Transport Information

RID/ADR

Non-hazardous for road transport.

15 – Regulatory Information

Not hazardous according to Directive 67/548/EEC

16 – Other Information

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate to safety precautions. Milacron shall not be held liable for any damage resulting from handling or from contact with the above product

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N/A = Not Assignable