

MATERIAL SAFETY DATA SHEET

In compliance with EC norm 155/91 and M.D. nr. 46 of 28.01.1992

1.) PRODUCT & COMPANY IDENTIFICATION :

Trade Name :	DeCAL 1000
Chemical Family :	Polyacrylates
Generic Name :	
Product Description :	Acrylic copolymer in aqueous dispersion
Company Data :	Devine Chemical Ltd. Prospect Business Park, Leadgate, Consett, Co. Durham. DH8 7PW Tel : 01207 580101 Fax : 01207 580096

2.) COMPOSITION AND INFORMATION ON INGREDIENTS :

Composition :	Acrylic copolymer in aqueous media.
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3.) IDENTIFICATION OF DANGERS :

Main risks for man :	May cause minor skin irritation, slight irritation to the eyes.
Fire or explosion :	Does not show any specific hazard of fire or explosion.
Hazard Classification :	No particular hazard according to CE criteria

4.) FIRST-AID MEASURES :

Ingestion :	Consult a physician without delay
Inhalation :	Not specifically concerned (aqueous liquid)
Contact with the skin :	Take off the soiled clothes. Flush immediately with large amounts of water
Contact with the eyes :	Wash with plenty of water. If irritation persists see an oculist.

5.) FIRE PREVENTION MEASURES :

Suitable extinguishing means :	Foam, dry powder, carbon dioxide (CO ₂), water spray.
Recommended equipment :	Appropriate protective equipment must be worn in case of fire.

6.) MEASURES IN THE CASE OF ACCIDENTAL LEAKAGE :

Precautions for the individual :	Gloves, goggles, lightweight protective clothing.
Precautions for the environment :	Prevent from spreading to the environment. Do not flush to sewer or watercourses.
Cleaning methods :	
Recovery:	Vacuum bulk liquid or absorb it with inert sorbent. Keep the above product for future disposal.
Cleaning/Decontaminating:	Wash remaining material with plenty of water.
Elimination:	Burn contaminated material in an approved plant.

7.) HANDLING & STORAGE :

Handling :	Does not require specific technical measures. Observe general health & safety rules.
Safety Procedure:	Respect general health & safety rules.
Storage :	Store above 5°C and below 40°C avoid temperature below 0°C. Protect from sun.
incompatible materials:	Bases (Exothermic reaction)
Packaging Materials:	Recommended : coated steel, stainless steel, plastic materials (polyethylene) Prohibited: Steel. Aluminium and its alloys..

8.) EXPOSURE- CONTROL METHODS :

Technical measures:	Does not necessitate specific or particular measures, provided general health & safety procedures are respected.
Personal protection equipment	Hand : Appropriate clothes and gloves Eye : Safety glasses.

9.) PHYSICAL & CHEMICAL PROPERTIES :

Physical State :	Liquid,
Colour :	White milky liquid
Odour:	mild characteristic odour
Boiling Point/range:	100°C (WATER)
pH as supplied	3
Flash point:	>100°C (closed cup)
Vapour pressure :	18mm Hg @ 25°C
Crystallisation point:	0°C
Relative density :	1.06g/cm ³
Solubility:	Water : soluble at pH >7 Solvent: Very slight.
Volatile part by weight:	70%
n-octanol/water partition coefficient:	Not determined.

10.) STABILITY & REACTIVITY :

Stability :	Stable if appropriately used.
Conditions to avoid :	None to our knowledge.
Materials to avoid:	Avoid contact with strong bases (exothermic reaction).
Hazardous decomposition products :	None to our knowledge.

11.) INFORMATION ON TOXICITY :

Local effects:	Slightly irritant by ocular and cutaneous application on rabbit.
Acute Toxicity:	DL50 (ORALWAY, RAT) >2000mg/kg

12.) INFORMATION ON ECOLOGY :

Target medium of material:	water
Primary biodegradability :	Poorly biodegradable.
impact on aquatic environment :	CL50 96hr > 100mg/l, CE50 48hr > 100mg/l, Cl50 72hr > 100mg/l



13.) CONSIDERATIONS ON DISPOSAL :

Product residues:	Prohibition:	Do not reject to sewer
Spoiled packaging:	Destruction / elimination:	Burn in an approved plant
Decontamination / washing:	empty packaging thoroughly then clean with water before disposal.	
DESTRUCTION / ELIMINATION: Burn in an approved plant.		

14.) INFORMATION ON TRANSPORTATION :

Road/Railroad transportation ADR/RID :	Not regulated
Sea carriage IMDG :	Not regulated
Air transportation ICAO-TI and IATA-DGR:	Not regulated

15.) INFORMATION ON LABELLING :

Symbol :	Nil
Risk words :	Nil
Safety phrases :	Nil.

16.) ADDITIONAL INFORMATION :

Legend : N.A. = Datum Not Available.

Message for the user : the information and data contained in this card are based on the suppliers knowledge at the time of the last updating : they are given solely for information purposes and do not amount to a guarantee ; no legal responsibility or liability will be accepted.

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