



ALUMINIUM
MARTIGNY
FRANCE
BP 7
38490 CHIMILIN

ECREMAL K1 / M ECREMAL K1 / G M

SAFETY DATA SHEET
ACCORDING TO
DIRECTIVE CE/2001/58

1. IDENTIFICATION

Identification of the product	Trade name : ECREMAL K1 / M – ECREMAL K 1 / G M Application type : Foundry flux – Metal treatment of aluminium and its alloys. Manufacturer : ALUMINIUM MARTIGNY FRANCE
Identification of the Company	ALUMINIUM MARTIGNY FRANCE - Za de Poulatier - BP 7 - 38490 CHIMILIN Tel : + 33 4 76 32 50 15 – Fax : + 33 4 76 31 68 03 Contact : pmarais.amf@wanadoo.fr

2. DANGERS IDENTIFICATION

Inhalation	: Low irritation, except when the product thermally decomposes.
Contact with skin	: Low irritation.
Contact with eyes	: Low irritation.
Ingestion	: Massive ingestion may induce poisoning.
Environment	: Potassium cryolithe contained in the product is harmful to the aquatic environment.

3. CHEMICAL COMPOSITION OF THE MIXTURE

Mixture of alkaline chlorides, sulphates, calcium fluoride and		
Potassium cryolithe : ≤ 5 %	Potassium carbonate : < 5 %	Potassium nitrate : ≤ 10%
Cas n° : 60304-36-1	Cas n° : 584-08-7	Cas n° : 7757-79-1
Einecs n° : 237-409-0	Einecs : 209-529-3	Einecs : 231-818-8
Classification : Harmful	Classification : Harmful	Classification : Oxidizing
Substance risk : R 36 - R20/21/22 - 52/53	Substance risk : R36/37/38 - 22	Substance risk : R8

4. FIRST AID

Inhalation	: Expose the victim to fresh air. Seek medical advice if difficult breathing.
Contact with skin	: Wash promptly with plenty of water and soap.
Contact with eyes	: Wash out promptly with plenty of water. Seek medical advice if durable irritation.
Ingestion	: Wash out mouth of victim with water. If victim is conscious, drink a lot of water. Do not induce vomiting. Take victim to hospital.

5. ACTION AGAINST FIRE

Flammability	: Not flammable.
Suitable extinguishing media	: Carbon dioxide, dry powder, sprays of water.
Unsuitable extinguishing media	: Water.
Special risks	: Emissions of hydrogen fluoride, sulphur dioxide, nitrogen oxides by thermal or chemical decomposition.
Safety device	: Use self-contained breathing apparatus. Maintain gazes down with water.

6. ACTION IN CASE OF ACCIDENTAL DISPERSION

Individual precautions	: Wear protective clothes, gloves (latex), security goggles, registered dust-mask (P2 or P3). See section 7, 8 & 16)
Precautions for the environmental protection	: Keep away from sewerage system and landscape.
Cleaning method	: Collect product in dry and waterproof packaging and identify it.

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13. OBSERVATIONS ON THE ELIMINATION

Methods of elimination : Seek a specialist in disposal of industrial wastes.
 Contaminated packaging : Seek a specialist in disposal of industrial wastes.
 Waste N° for Ecremal K1/M - K1 / G M : 160509 } (according to the European waste catalogue)
 Waste N° for contaminated packaging : 150102 }

14. INFORMATIONS ON THE TRANSPORT

Product not subjected to regulation on dangerous product transport.

15. STATUTORY INFORMATIONS

Classification	:	}	Product not subjected to regulation on dangerous product labelling.
Danger symbol	:		
Sentences of R risks	:		
Sentences of caution advice	:		

16. OTHER INFORMATIONS

Text for all phrases referred to in section 3 :

- R36/37/38 : Irritant for eyes, respiratory track and skin.
- R36 : Irritant for eyes.
- R 20/21/22 : Harmful by inhalation, contact with skin and if swallowed.
- R 52/53 : Harmful to aquatic organisms, may cause long- term adverse effects in the aquatic environment.
- R 8 : Contact with combustible material may cause fire.
- R 22 : Harmful if swallowed.

The personal protective equipment must be in accordance with CEN standards :

- Respirator : CEN 136, 140, 143, 371
- Safety glasses : CEN 166
- Protective clothing : CEN 340, 465, 466, 467, 943
- Gloves : CEN 374
- Safety shoes : CEN 341, 345

The sign «» indicates where modifications are, compared with the latest version of this data sheet.

OBSERVATIONS :

This safety data sheet completes the technical data sheets, but does not take the replace them. Information contained in this safety data sheet is based on our knowledge about the concerned product at the date of publication. They are given in good faith. This safety data sheet does not constitute the user's own assessment of workplace risk. The user should conduct a full risk assessment in accordance with regulations. Users must satisfy themselves that the product is entirely suitable for their purposes. This list should not be considered as exhaustive and does not exempt user to be under others possible obligations, different from those of the safety data sheet, which would concerned holding and handling of the product, for which he remains alone responsible.

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