

Material Safety Data Sheet

Date of issue: December 2006

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

1.1 Commercial product name : KRACROM 26 /33
1.2 Chemical name : Basic Chrome Sulphate
1.3 Product use: : Tanning agent for leathers
1.4 Company identification KRAB CHEMICAL, S.L Travesera de las Corts,
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2. COMPOSITION/INFORMATIONS ON INGREDIENTS

Igredients	Cas No	Einecs No	Cn%
Cr ₂ O ₃ Mixed salt	12336-95-97	235-595-8	26 % ± 1

3. DESCRIPTION OF HAZARDS

In consideration of the well-known toxicological features, the salt can be classified as having a very low degree of acute toxicity, if ingested. Moreover it may be slightly irritant to the eye-mucosae. (see also point 11).
Dangers for the environment: see point 12

4. FIRST-AID MEASURES

Inhalation : Move subject to fresh air until recovery. If difficulty in breathing persists, seek medical advice.
Skin contact : Remove contaminated clothing. Wash affected skin with plenty of clean water and with soap and water afterwards. If irritation persists after some hours, seek advice from a dermatologist.
Eye contact : Irrigate with copious amounts of water for at least 15 minutes. If irritation persists, seek advice from an ophthalmologist.
Ingestion : Do not induce vomiting. Obtain immediate medical attention. Keep subject at rest.

5. FIRE – FIGHTING MEASURES

The product is incombustible. If burnt, due to thermal decomposition, fumes containing SO₂ may be given off.

6. ACCIDENTAL RELEASE MEASURES

Dry-recover the product with the mechanical means available.
Store it in suitable containers for re-employment or disposal according to regulations (see point num 13).
Prevent the product to be discharged into the sewerage system or to reach surface waters.

7. HANDLING AND STORAGE

Handle the product in well aired areas, possibly equipped with suction hoods or analogous dust-collecting systems. Prevent dust inhalation.
Store the product in a dry place, in suitable closed containers.
Prevent dust diffusion.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ACGIH 1998

Chrome III compounds
TLV-TWA: 0,5 mg/m³ A4 (like Chrome)
A4 = not clasificable as cancerogenic for man

8.2 Protection for:

Respiratory system: dust-filtering mask P2 type.
Eyes: sealing protective glasses.
Body: Currents overalls.
Equip the working area with eye-washing fountains.

8.3 Specific sanitary measures.

Do not eat, drink or smoke during product handling. Wash hands carefully before meals and working breaks.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	powder
Colour:	typical green
Odour:	odourless.
PH (50 g/l water):	2.6
Apparent density:	about 1.000 kg/m ³
Water Solubility:	Soluble
Others points:	not available - not applicable Non-explosive Non-corrosive.

10. STABILITY AND REACTIVITY

The product is stable, If handled and stored as recommended. It decomposes at 250°C. (Dangerous decomposition products: Sulphur Oxide may be given off)
No dangerous reactions are known, as far as the product employment is concerned.

11. TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity / Experimental date

No experimental date are available regarding the compound.

The following date are available for the component Cr_2O_3 : LD50 (oral/rat) : 10.000 mg/kg.

The product dust, if inhaled, may cause irritation to the upper respiratory tract.

Depending on the amount, ingestion may cause nausea, vomiting or abdominal pains. Cases of dermatitis in workers handling Chrome III compounds are reported.

11.2 Long-Term effects.

Carcinogenesis: The chrome III compounds are classified by IARC in Group 3 "Compounds whose carcinogenic effect on the human being cannot be classified".

12. ECOLOGICAL INFORMATION

Water toxicity (Idus Auratus or gold-fish): the product does not produce dangerous effects up to a concentration of 200 mg/l.

13. DISPOSAL CONSIDERATION

The product residues and the waste-materials resulting from its use must be handed over to companies being authorized to their disposal according to the regulations in force.

14. TRANSPORT INFORMATION

Not mentioned in RID/ADR Regulations.

The product is not dangerous, as far as its transportation is concerned.

15. REGULATORY INFORMATION

The product does not need to be labelled as dangerous.

16. OTHER INFORMATIONS

This safety data sheet information is considered to be true and correct at the present time. Nevertheless, the data supplied and recommendations can not be taken as a guarantee. As the use conditions of the product are out of our company control, it is responsibility of the user to determine the safety of the use conditions. Furthermore, this information does not represent technical specifications; there is a technical data sheet for this purpose.