

SDS Reference CAT051
Version No. 2
Revision Date 07-05-2008
First issued 18TH APRIL 2002

Safety Data Sheet



MYSTOLENE ALT CONC

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name MYSTOLENE ALT CONC
Use(s) A tanning agent for leather
Company Identification CATOMANCE TECHNOLOGIES LIMITED
4 CAXTON PLACE
STEVENAGE
HERTS SG1 2UF
Telephone: 01438 360747
Emergency telephone: 01438 360747 (24hrs)
SDS Competent person: trevor@rising-hsande.co.uk

2. HAZARDS IDENTIFICATION

Physical & Chemical: NON HAZARDOUS
Health: ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO BE HARMLESS TO HEALTH IF HANDLED IN THE CORRECT MANNER.
THE PREPARATION CONTAINS A SUBSTANCE THAT HAS A WORKPLACE EXPOSURE LIMIT (WEL)
Environmental: ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO BE HARMLESS TO THE ENVIRONMENT IF HANDLED IN THE CORRECT MANNER.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation AQUEOUS SOLUTION OF ALUMINIUM CHLOROHYDRATE

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
ALUMINIUM CHLOROHYDRATE	12042-91-0	234-933-1	Not classified	Approx. 50%

4. FIRST AID MEASURES

General information

Inhalation No special first aid measures necessary.
Skin contact Wash contaminated skin with soap and large quantities of water. If necessary, seek medical advice.
Eye contact Wash eyes thoroughly with plenty of water until irritation subsides. If necessary, seek medical advice.
Ingestion Allow the patient to vomit on his own accord. Give copious water to drink; if necessary seek medical advice.

Further information

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5. FIRE FIGHTING MEASURES

General hazard THE PRODUCT IS NOT FLAMMABLE

Extinguishing media To suit local surroundings (e.g. water spray, carbon dioxide, foam or chemical powder)

Extinguishing media not to be used

Special exposure hazards The thermal decomposition products released should be considered toxic if inhaled.

Protective equipment Wear self-contained breathing apparatus.

Further information

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up Adhere to personal protective measures.
Take up with absorbent material, e.g. sand, sawdust into tightly closable containers. Label container and dispose of as prescribed.

Environmental considerations Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.

Further information

7. HANDLING & STORAGE

Advice on safe handling Handle in accordance with good hygiene and safety practice.

Storage conditions Ensure adequate ventilation of the storage area. Keep containers tightly closed and dry.
Store in plastic, plastic lined or stainless steel containers at 0-49°C.

Further information

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls Monitoring of the workplace should be considered in accordance with EH40 (or equivalent) controls.

LTEL (8 hour TWA):	ppm	2	mg/m ³	WEL data for aluminium salts, soluble (EH40/2005)
STEL (15 minutes):	ppm	6	mg/m ³	Based on LTEL value

Engineering controls Ensure adequate ventilation of working area

Personal protection Observe normal standards for handling chemicals..
Avoid contact with skin and eyes.
Wash hands before breaks and after work.
Wear personal protective equipment appropriate to the task (see below)

Eye protection Safety goggles

Skin protection Impervious gloves (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)

Respiratory protection

Other protection Protective overalls

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9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Liquid
Colour	Colourless
Odour	Odourless
pH	Approx. 4.2
Boiling pt / range	From 100 °C
Melting pt / range	0 °C
Flash point	Not applicable °C
Autoflammability	°C
Density	1.34 g/cm ³
Explosive limits	Lower: % (v/v) Higher: % (v/v)
Viscosity	Not determined
Vapour pressure	Not determined
Water solubility	100%
Additional information	

10. STABILITY & REACTIVITY

Stability	Stable under normal conditions of handling.
Thermal decomposition	Not determined
Conditions to avoid	High temperatures and contact with water.
Material to avoid	May react with alkalis and oxidising agents. Contact with caustic solutions will cause precipitation of aluminium hydroxide.
Hazardous reactions	
Hazardous decomposition products	Chlorine compounds and metal oxides
Further information	

11. TOXICOLOGICAL INFORMATION

Acute toxicity	LD ₅₀ rat (oral) > 2000 mg/kg
Dermal compatibility	No data available. Prolonged contact may cause irritation.
Mucous membrane compatibility	No data available
Further information	

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12. ECOLOGICAL INFORMATION

Acute toxicity LC₅₀ Fish mg/l No data are available
Degradability No data available
Further information Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.

13. DISPOSAL CONSIDERATIONS

Advice on disposal In accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.
Contaminated packaging Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

14. TRANSPORT INFORMATION

United Nations number Not classified for transport.
Marine pollutant The product should not be marked as a marine pollutant

15. REGULATORY INFORMATION

Classification & labelling In accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 3.1], the product is not classified.

16. OTHER INFORMATION

Further information The SDS has been revised in the following section(s): 1, 13
Sources of data Other suppliers' safety data sheets
Date of issue 07-05-2008

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.

Prepared by Rising HS&E Services