



MATERIAL SAFETY DATA SHEET

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Revision nr : 1

Date : 13/12/2005

Supersedes : 0/0/0

Locron L**BA50111****Responsible for distribution**

QUARON

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Trade name : Locron L
Chemical family : Acidic aqueous solution.
Use : Industrial.
Company identification : Quaron
NL - Noordweg 3 - 3336 LH Zwijndrecht - Tel.:+31 786250000
BE - Rue des Sablières 1 - 7522 Tournai Blandain - Tel.:+32 69881000
FR - 12, Rue de la Rache - BP 57 - 59481 Haubourdin Cedex - Tel.:+33 320175700
Emergency phone nr : Contact your National Anti Poison Centre. (Only to be contacted by a physician)

2 COMPOSITION / INFORMATION ON INGREDIENTS

This product is not considered to be hazardous and does not contain hazardous components.

Substance name	Value(s)	CAS	EG	EC index	CERTIFICATE
Dialuminium chloride pentahydroxide :	50 %	12042-91-0	234-933-1	-----	
Other information	: Full text of R-Phrases : see under section 16.				

3 HAZARDS IDENTIFICATION**Classification of Product** : None.**4 FIRST AID MEASURES**

First aid
- Inhalation : Remove to fresh air.
- Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- Eye contact : Flush with lukewarm water for 15 minutes.
- Ingestion : Give water to drink.
Rinse mouth.

5 FIRE-FIGHTING MEASURES

Flammable class : Not combustible.
Extinguishing media
- Suitable : Use extinguishing media appropriate for surrounding fire.
Special protection measures : S36 : Wear suitable protective clothing.
Use self-contained breathing apparatus

6 ACCIDENTAL RELEASE MEASURES

Personal precautions : Equip cleanup crew with proper protection.
Environmental precautions
After spillage / leakage : Dike for recovery or absorb with appropriate material.
If a major spill occurs, all personnel should be immediately evacuated and the area ventilated.
Prevent entry to sewers, ground and public waters.

Locron L**BA50111****7 HANDLING AND STORAGE****General****Precautions in handling and storage** : Handle in accordance with good industrial hygiene and safety procedures.**Technical protective measures** : No special requirements.**Storage** : Store in dry, well-ventilated area.**8 EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protection**

- **Respiratory protection** : No special respiratory protection equipment is recommended under normal conditions of anticipated use with adequate ventilation.
- **Protection for the hands** : Wear gloves.
- **Eye protection** : Safety glasses.
- **Skin protection** : Wear suitable protective clothing.
- **Ingestion** : When using, do not eat, drink or smoke.
- **Others** : None.

Industrial hygiene**9 PHYSICAL AND CHEMICAL PROPERTIES**

- Physical state** : Liquid
- Colour** : clear.
- Odour** : Odourless.
- pH value** : 3.6
- Solubility in water [g/100 ml]** : Mixable in all proportions
- Initial boiling point [°C]** : >100
- Viscosity [mPa.s]** : 10
- Density [g/cm³]** : 1.35

10 STABILITY AND REACTIVITY

- Stability** : Stable under normal conditions.
- Materials to avoid** : Aluminium

11 TOXICOLOGICAL INFORMATION**Toxicity information**

- Acute toxicity**
- Effects on skin contact** : Not expected to be an irritant.
- Effects on inhalation** : None known
- Effects on eye contact** : Not expected to be an irritant.

12 ECOLOGICAL INFORMATION**Ecological effects information****Other information****National prescriptions****WGK class (Germany)** : Water hazard class 1 : slightly hazardous for water**General evaluation method (NL)** : Water hazard class 10
Sanitizing effort A



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13 DISPOSAL CONSIDERATIONS

Disposal : Dispose in a safe manner in accordance with local/national regulations.
Treatment of dirty packing : After last use, the packing should be totally empty and closed.

14 TRANSPORT INFORMATION

General information : Not regulated.

15 REGULATORY INFORMATION

EEC Labelling : Classification and labelling following EC directives 67/548/EEC and 1999/45/EC and their adaptations to technical progress
R Phrase(s) : None.
S Phrase(s) : None.

16 OTHER INFORMATION

The contents and format of this MSDS are in accordance with EEC Commission Directive 2001/58/EEC. Major modifications made to the previous edition are marked with a "***" in the left margin.

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