



MATERIAL SAFETY DATA SHEET

Page : 1

Revision nr : 2

Date : 30 / 5 / 2006

Supersedes : 8 / 3 / 2006

Isopropanol+0,6 %MEK**AA50542**

Label 3 : Flammable liquid.



F : Highly flammable



Xi : Irritant

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

Trade name : Isopropanol+0,6 %MEK
Chemical family : Alcohol
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 - 3, Rue de la Buhotière - Saint Jacques de la Lande - 35091 Rennes Cedex 9 -
Tel.:+33 (0)2 99 29 46 00
E-mail: msds@quaron.com

Emergency phone nr : Contact your National Anti Poison Centre. (Only to be contacted by a physician)

2. HAZARDS IDENTIFICATION

Hazards identification : Flammable.
Irritant.

Main hazards : R11 : Highly flammable.
R36 : Irritating to eyes.
R67 : Vapours may cause drowsiness and dizziness.

3. COMPOSITION / INFORMATION ON INGREDIENTS

This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS	EG	EC index	Classification
Isopropanol	: 50 to 100 %	67-63-0	200-661-7	603-117-00-0	F; R11 R67 Xi; R36

Other information : Full text of R-Phrases : see under section 16.

4. FIRST AID MEASURES

- **Inhalation** : Seek medical attention if ill effect or irritation develops.

- **Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

- **Eye contact** : Seek medical attention if ill effect or irritation develops.
Flush with lukewarm water for 15 minutes.

- **Ingestion** : Seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguishing media

- **Suitable extinguishing media** : Water spray
Powder



MATERIAL SAFETY DATA SHEET

Page : 2

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Isopropanol+0,6 %MEK**AA50542**

5. FIRE-FIGHTING MEASURES (continued)

- Alcohol resistant foam
- Unsuitable extinguishing media : Do not use a heavy water stream.
 - Specific hazards : None known.
 - Special procedures : Evacuate unnecessary personnel.
Stop release.
 - Special protection measures : S36 : Wear suitable protective clothing.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Equip cleanup crew with proper protection.
- Environmental precautions
- Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect the spill.
If a major spill occurs, all personnel should be immediately evacuated and the area ventilated.
- on soil : Prevent entry to sewers, ground and public waters.

7. HANDLING AND STORAGE

- General
- Precautions in handling and storage : Remove ignition sources.
Avoid all unnecessary exposure.
Handle in accordance with good industrial hygiene and safety procedures.
No Smoking.
- Technical protective measures : Proper grounding procedures to avoid static electricity should be followed.
- Storage : Store away from : Strong oxidizing agents
Store in tightly closed container and in a properly vented store, away from heat, sparks and open flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Occupational Exposure Limits : Isopropanol : MAC Value - Netherlands : 250ppm; 650mg/m³
Isopropanol : MAC Value - Belgium : 400 ppm; 997 mg/m³
Isopropanol : MAC Value - France : 400 ppm; 980 mg/m³
- Personal protection
- Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Hand protection : Wear suitable gloves resistant to chemical penetration.
- Eye protection : Safety glasses with side guards should be worn to prevent injury from airborne particles and/or other eye contact with this product.
- Skin protection : If skin contact or contamination of clothing is likely, protective clothing should be worn.
- Head protection : None.
- Ingestion : When using, do not eat, drink or smoke.
- Industrial hygiene





MATERIAL SAFETY DATA SHEET

Page : 3

Revision nr : 2

Date : 30 / 5 / 2006

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Isopropanol+0,6 %MEK**AA50542**

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid.
Colour	: Clear.
Odour	: Alcohol
Vapour pressure [hPa] 20°C	: 43
Flash point [°C]	: 13
Final boiling point [°C]	: 82
Auto-ignition temperature [°C]	: 425
Explosion limits - lower [%]	: 2
Explosion limits - upper [%]	: 12
Viscosity (mPa.s)	: 2.43
Density	: 0.785
Solubility in water [g/100ml]	: Complete

10. STABILITY AND REACTIVITY

Stability	: Stable under normal conditions.
Conditions to avoid	: Avoid heat, sparks, open flame, oxidizing conditions
Materials to avoid	: Oxidizing agent
Hazardous decomposition products	: By burning possible formation of : Carbon monoxide

11. TOXICOLOGICAL INFORMATION

Effects on inhalation	: R67 : Vapours may cause drowsiness and dizziness.
Effects on eye contact	: Irritating to eyes.
On ingredients	
Isopropanol	: Rat oral LD50 [mg/kg] : 8000

12. ECOLOGICAL INFORMATION

Ecological effects information	
On ingredients	
Isopropanol	: IC50 72h Algae [mg/l] : >1000 : LC50-96 Hour - fish [mg/l] : 4200 : 48 H-EC50 - Daphnia magna [mg/L] : 13299
National prescriptions	
WGK class (Germany)	: Water hazard class 1 : slightly hazardous for water
General evaluation method (NL)	: Water hazard class 11 Sanitizing effort B

13. DISPOSAL CONSIDERATIONS

Disposal method	: 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.

Isopropanol+0,6 %MEK**AA50542****14. TRANSPORT INFORMATION****General information**

UN No. : 1219

- Class : 3

- Packing group : II

Labelling ADR

- Warning panel : 33

Proper shipping name : UN1219 ISOPROPANOL (ISOPROPYL ALCOHOL), 3, II

Sea transport

- EMS-Nr : F-E, S-D

15. REGULATORY INFORMATION

EC Labelling : Classification and labelling following EC directives 67/548/EEC and 1999/45/EC and their adaptations to technical progress

Symbol(s)

R Phrase(s) : Irritant.
Highly flammable
: R11 : Highly flammable.
R36 : Irritating to eyes.
R67 : Vapours may cause drowsiness and dizziness.

S Phrase(s) : S2 : Keep out of the reach of children.
S7 : Keep container tightly closed.
S16 : Keep away from sources of ignition - No smoking.
S24/25 : Avoid contact with skin and eyes.
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16. OTHER INFORMATION

List of relevant R phrases : R11 : Highly flammable.
R36 : Irritating to eyes.
R67 : Vapours may cause drowsiness and dizziness.

The contents and format of this MSDS are in accordance with regulation (EC) no. 1907/2006 of the European Parliament and Council of 18 December 2006 concerning the registration, evaluation, authorisation and restriction of Chemicals (REACH).

Appendix

Of the raw materials in chapter 3 at moment of reporting of this material safety data sheet, chemical safety reports have not been registered in the scope of regulation (EC) no. 1907/2006.

DISCLAIMER OF LIABILITY The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with



MATERIAL SAFETY DATA SHEET

Page : 5

Revision nr : 2

Date : 30 / 5 / 2006

Supersedes : 8 / 3 / 2006

Isopropanol+0,6 %MEK

AA50542

the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

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