



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

1.1 Identification of the preparation

OPTI CLAIR CLEANER

1.2 Company identification

SI INTERNATIONAL
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France

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2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1 Isopropyl Alcohol

CAS number : 67-63-0
Concentration : around 55 %

3. HAZARDS DENTIFICATION

3.1 Major health hazards :
May cause eye irritation.

3.2 Physical hazards
Negligible fire hazard.

3.3 Environmental hazards
No data regarding wet tissues.

4. FIRST AID MEASURES

4.1 Inhalation
Isopropyl Alcohol chronic inhalation ; remove to uncontaminated area if necessary.

4.2 Skin contact
Isopropyl Alcohol chronic contact ; wash exposed area with soap or mild detergent if necessary.

4.3 Eye contact
Wash eyes with water if necessary.

4.4 Ingestion
If vomiting occurs, keep head lower than hips.

5. FIRE-FIGHTING MEASURES

5.1 Fire and explosion hazards :

Negligible fire hazard.

5.2 Extinguishing media :

Foam, carbon dioxide, dry chemical, water.

5.3 Hazardous decomposition products :

Thermal decomposition products : oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

Shut off ignition sources.

6.2 Methods for cleaning up

Collect in suitable container for disposal.

7. HANDLING AND STORAGE

7.1 Handling

Keep out of the reach of children.

When using do not smoke

Avoid contact with eyes

7.2 Storage

Store at a temperature not exceeding 40°C.

Keep away from source of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limits

8.1.1 USA : Isopropyl alcohol = 400 ppm (980 mg/m³) OSHA TWA

8.1.2 France : Isopropyl alcohol = 400 ppm (980 mg/m³) VLE

8.2 Personal protection :

IN case of permanent contact with **OPTINETT** wet tissue, wear suitable gloves

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance : wet tissue containing clear liquid

9.2 Odour : alcohol

9.3 Flash point : not established

9.4 Specific gravity (water = 1) : not established

9.5 Vapor density : not established

10. STABILITY AND REACTIVITY

10.1 Reactivity :

Stable at normal temperatures and pressure.

10.2 Conditions to avoid

Avoid heat, flames.

10.3 Materials to avoid

Acids, combustible materials, oxidizing materials, bases, halogens, peroxides.

10.4 Hazardous decomposition or by products

Thermal decomposition may release oxides of carbon.

11. TOXICOLOGICAL INFORMATION

11.1 Toxicity Data

Isopropyl Alcohol: LD 50 oral-rat : 5045 mg/kg.

11.2 Health effects

May cause light irritation of the eyes in case of contact.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity data

Isopropyl alcohol

Fish (*Salvelinus Fontinalis*) : LC50 (Mortality) : 730 µg/l – 96 h

Invertebrate (*Tetrahymena thermophyla*) : EC 20 (Biomass) 3142000 µg/l –48 h

Algae (*Chlorella pyrenoidosa*) : EC 50 (Growth) : 2200 µg/l – 96 h

13. DISPOSAL CONSIDERATIONS

Avoid evacuation in sewers.

Dispose in accordance with all applicable regulation.

14. TRANSPORT INFORMATION

14.1 Road Transport (ADR/RID)

No classification assigned

14.2 Sea Transport (IMDG)

No classification assigned

14.3 Air Transport (IATA-ICAO)

No classification assigned

15. REGULATORY INFORMATION

15.1 E.C. Regulations

Symbols and phrases according to european directives (88/379/EEC, 67/548/EEC, 1999/45 EC and addenda, 684/2004), about dangerous substances and preparations : none.

15.2 National Regulations

Refer to any other national measures that may be relevant.

16. OTHER INFORMATION

16.1 Main sources of key data used to compile the data sheet

OHS, ELLIS, WEKA data bases.
International transport regulations

16.2 Date of issue of the data sheet

2011-09-06