



# Safety Data Sheet

Regulation EC No 1907/2006 Art.31

<b>Productname :</b>	KONTAKT IPA	<b>Creationdate :</b>	17.02.11 Version : 1.0
<b>Ref.Nr.:</b>	BDS000001_3_20110217	<b>Replaces:</b>	BB27710



<b>Physical:</b>	Flammable liquid, category 2 Highly flammable liquid and vapour.
<b>Health:</b>	Eye irritation, category 2 Causes serious eye irritation. Specific target organ toxicity - single exposure, category 3 May cause drowsiness or dizziness.
<b>Environment:</b>	not classified
<b>Other hazards :</b>	None

## Classification according to 67/548/EEC or 1999/45/EC:

<b>Health:</b>	R36: Irritating to eyes. R67: Vapours may cause drowsiness and dizziness.
<b>Physical:</b>	R11: Highly flammable.
<b>Environment:</b>	not classified
<b>Other hazards :</b>	not classified

## 2.2. Label elements

### Labelling according to Regulation (EC) No 1272/2008

<b>Product identifier:</b>	propan-2-ol Index-N°: 603-117-00-0
<b>Hazard pictogram(s):</b>	 
<b>Signal word:</b>	Danger
<b>Hazard statement(s):</b>	H225 : Highly flammable liquid and vapour. H319 : Causes serious eye irritation. H336 : May cause drowsiness or dizziness.
<b>Precautionary statement(s):</b>	P101 : If medical advice is needed, have product container or label at hand. P102 : Keep out of reach of children. P210 : Keep away from heat/sparks/open flames/hot surfaces. ? No smoking. P233 : Keep container tightly closed. P271 : Use only outdoors or in a well-ventilated area. P305/351/338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337/313 : If eye irritation persists: Get medical advice/attention. P405 : Store locked up. P501-2 : Dispose of contents/container to an authorised waste collection point.
<b>Supplemental Hazard information:</b>	None
<b>Special labelling provisions:</b>	None

## 2.3. Other hazards



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2 / 9



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**Ref.Nr.:** BDS000001\_3\_20110217

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**Eye contact :** Irritating to eyes  
Symptoms : redness and pain, impaired vision

#### 4.3. Indication of any immediate medical attention and special treatment needed

**General Advice :** If you feel unwell, seek medical advice (show the label where possible)  
If symptoms persist always call a doctor

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

foam, carbon dioxide or dry agent

#### 5.2. Special hazards arising from the substance or mixture

May form explosive vapour/air mixtures  
Forms hazardous decomposition products  
CO,CO2

#### 5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water  
In case of fire, do not breathe fumes

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Shut off all ignition sources  
Ensure adequate ventilation  
Wear suitable protective clothing including eye/face protection.

#### 6.2. Environmental precautions

Do not allow to enter public sewers and watercourses

#### 6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material

#### 6.4. Reference to other sections

For further information see section 8



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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep away from heat and sources of ignition  
Take precautionary measures against static discharges  
Equipment should be earthed  
Use explosion-proof electrical/ventilating/lighting/?/equipment.  
Use only non-sparking tools.  
Do not breathe aerosols or vapours.  
Ensure adequate ventilation  
Avoid contact with skin and eyes.  
Wash thoroughly after use  
Wear protective gloves/protective clothing/eye protection/face protection.  
Eyewash bottles should be available

### 7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed, in a cool, well ventilated place.  
Keep out of reach of children.

### 7.3. Specific end use(s)

Cleaners - Precision

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits :

No information available

### 8.2. Exposure controls

<b>Control procedures :</b>	Ensure adequate ventilation Keep away from heat and sources of ignition Take precautionary measures against static discharges
<b>Personal protection :</b>	Take precautions to avoid contact with skin and eyes when handling the product. Ensure adequate ventilation
<b>inhalation :</b>	In case of insufficient ventilation, wear suitable respiratory equipment. Air purifying respirator equipped with organic gas/vapor cartridge (type A or AX)
<b>hands and skin :</b>	Wear suitable protective gloves



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eyes : (neoprene)  
Wear safety goggles.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Apperance : physical state :** Liquid.  
**colour :** Colorless.  
**odour :** Alcohol.  
**pH :** Not applicable.  
**Boiling point/range :** 82 °C  
**Flash point :** 12 °C (Closed Cup)  
**Evaporation rate :** Not available.  
**Explosion limits : upper limit :** 12 %  
**lower limit :** 2 %  
**Vapour pressure :** 43 mbar (@ 20°C)  
**Relative density :** 0.8 g/cm<sup>3</sup> (@ 20°C).  
**Solubility in water :** Soluble in water  
**Auto-ignition :** 425 °C  
**Viscosity :** Not available.

### 9.2. Other information

No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known if used for its intended purpose

### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

### 10.4. Conditions to avoid

Avoid overheating

### 10.5. Incompatible materials



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Strong oxidising agent

## 10.6. Hazardous decomposition products

CO,CO2

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Inhalation :** Inhalation of solvent vapours may give rise to nausea, headaches and dizziness  
**Skin contact :** Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis  
**Eye contact :** Irritating to eyes

#### Toxicological data :

Hazardous ingredient	CAS-nr.	method	
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	LD50 oral rat	>2000 mg/kg
		LC50 inhal.rat	>20 mg/l
		LD50 derm.rabit	>2000 mg/kg

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous ingredient	CAS-nr.	method	
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	IC50 algae	>100 mg/l
		LC50 fish	>100 mg/l
		EC50 daphnia	>100 mg/l

### 12.2. Persistence and degradability

Biodegradable

### 12.3. Bioaccumulative potential

Not applicable.

### 12.4. Mobility in soil



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Soluble in water

**12.5. Results of PBT and vPvB assessment**

No information available

**12.6. Other adverse effects**

No information available

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

**Product :** This material and its container must be disposed of in a safe way.  
Do not discharge into drains or the environment, dispose to an authorised waste collection point.

**Contaminated packaging :** Disposal should be in accordance with local, state or national legislation

**SECTION 14: Transport information****14.1. UN number**

UN-number : 1219

**14.2. UN proper shipping name**

Proper shipping name: ISOPROPANOL

**14.3. Transport hazard class(es)**Class: 3  
ADR/RID - Classification code: F1**14.4. Packing group**

Packing group: II

**14.5. Environmental hazards**ADR/RID - Environmentally hazardous: No  
IMDG - Marine pollutant: No  
IATA/ICAO - Environmentally hazardous: No



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hazardous: .....

**14.6. Special precautions for user**

ADR/RID - Tunnelcode:	(D/E)
IMDG - Ems:	F-E,S-D
IATA/ICAO - PAX:	305
IATA/ICAO - CAO	307

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The Safety Data Sheet is compiled according to the current European requirements.  
EU-directive 67/548/EEC  
Regulation (EC) No 1272/2008  
Regulation (EC) No 1907/2006 (REACH)

**15.2. Chemical safety assessment**

No information available

**SECTION 16: Other information**

\*Explanation risk-phrases: R11: Highly flammable.  
R36: Irritating to eyes.  
R67: Vapours may cause drowsiness and dizziness.

\*Explanation hazard statements: H225 : Highly flammable liquid and vapour.  
H319 : Causes serious eye irritation.  
H336 : May cause drowsiness or dizziness.

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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