

# SAFETY DATA SHEET

## MUNDO RAPID INSTRUMENT & TOOL DISINFECTANT

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Revision 1

Revision date 01.10.2010 (amended formulation)

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

**Product name** RAPID INSTRUMENT & TOOL DISINFECTANT  
**Company** Rouse Marketing Ltd  
Whetstone Barn  
Bayton Lane  
Horsforth  
Leeds  
LS18 5EZ  
**Telephone** 0113 258 5540

### 2. HAZARDS IDENTIFICATION

This preparation is classified as "Hazardous" according to Directive 1999/45/EC and subsequent amendments.

**Hazard Symbol** F, Xi  
**Risk Phrases** R11 – Highly Flammable  
R36 – Irritating to eyes  
**Eye Contact** Not expected to present a hazard to the eyes under normal conditions of use but direct contact of the preparation with the eyes would cause irritation.  
**Inhalation** Not considered to present an inhalation hazard under normal conditions of use.  
**Ingestion** Not considered to present an ingestion hazard under normal conditions of use.  
**Environmental** Two ingredients in the preparation are very toxic to aquatic organisms.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**CAS No:** Not applicable, preparation is a mixture  
**EINECS No:** Not applicable, preparation is a mixture  
**Composition** An aqueous solution of a propriety blend of two alcohols and two biocides, which are listed in Annex II of Regulation (EC) 1451/2007 under Product Type 2, plus auxiliary component and corrosion inhibitor.

#### Hazardous Ingredients

Ingredient	CAS No	EINECS	%w/w	Symbols	Risks
Propan-2-ol	67-63-0	200-661-9	30 – 50%	F, Xi	11, 36, 67
Ethanol	64-17-5	200-578-6	< 10%	F	11
Benzalkonium chloride	68424-85-1	270-325-2	<1%	C, N	22, 34, 50
Chlorhexidine digluconate	18472-51-0	242-354-0	<0.5%	Xi, N	41, 50

### 4. FIRST AID MEASURES

**Eye Contact** Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.  
**Skin Contact** Wash with soap and water. Seek medical attention if irritation or symptoms persist.  
**Inhalation** Move exposed person to fresh air. Seek medical attention if irritation or symptoms persist.  
**Ingestion** Do not induce vomiting. Seek medical attention if irritation or symptoms persist.

### 5. FIRE FIGHTING MEASURES

**Extinguishing Media** Alcohol resistant foam, carbon dioxide (CO<sub>2</sub>), dry chemical, sand, water spray.  
**Fire Hazards** Vapours may travel considerable distance to source of ignition and flash back. Burning produces irritating, toxic and obnoxious fumes.  
**Protective Equipment** In case of fire and/or explosion do not breathe fumes. Wear suitable respiratory equipment when necessary.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Eliminate all sources of ignition. Vapours may travel considerable distance to source of ignition and flash back. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear suitable protective equipment.
<b>Environmental Precautions</b>	Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Do not flush into surface water. Prevent further spill if safe.
<b>Clean Up Methods</b>	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Keep away from sources of ignition – no smoking. Avoid sparks, flames and heat. Do not eat, drink or smoke in areas where this product is used or stored. Use in a well ventilated area. Wear suitable protective equipment.
<b>Storage</b>	Keep out of the reach of children. Store in a cool, dry area. Keep container tightly closed and in a well-ventilated place. Do not allow to freeze.
<b>Suitable Packaging</b>	Plastic containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits

Ethanol	WEL 8-hr limit ppm: 1000	WEL 8-hr limit mg/m <sup>3</sup> : 1920
	WEL 15 min limit ppm:	WEL 15 min limit mg/m <sup>3</sup> :
Isopropanol	WEL 8-hr limit ppm: 400	WEL 8-hr limit mg/m <sup>3</sup> : 999
(Propan-2-ol)	WEL 15 min limit ppm: 500	WEL 15 min limit mg/m <sup>3</sup> : 1250

<b>Respiratory Protection</b>	Wear suitable respiratory equipment when necessary.
<b>Hand Protection</b>	Neoprene gloves.
<b>Eye Protection</b>	In case of splashing wear approved safety goggles. Provide an eye wash station.
<b>Protective Equipment</b>	Adopt best manual handling considerations when handling, carrying and dispensing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid
<b>Colour</b>	Colourless
<b>Odour</b>	Alcoholic
<b>pH</b>	8.5 – 9.5
<b>Flash Point</b>	20°C
<b>Flammability</b>	Preparation is highly flammable
<b>Water Solubility</b>	Miscible in water

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions. Will not decompose if stored and used as recommended.
<b>Conditions to Avoid</b>	Heat, sparks and open flames. Do not allow to freeze.
<b>Materials to Avoid</b>	Strong acids and strong bases. Strong oxidising agents.
<b>Hazardous Decomposition Products</b>	Burning produces irritating, toxic and obnoxious fumes.

## 11. TOXICOLOGICAL INFORMATION

Based on the ingredients present and their concentrations this preparation is, according to the conventional method of Directive 1999/45EC and subsequent amendments, classified as “Dangerous” according to health criteria because it is irritating to the eyes.

## 12. ECOLOGICAL INFORMATION

Based on the ingredients present and their concentrations this preparation is, according to the conventional method of Directive 1999/45EC and subsequent amendments, classified as not “Dangerous” to the environment and is readily biodegradable although it contains ingredients which are classified as very toxic to aquatic organisms.

## 13. DISPOSAL CONSIDERATIONS

<b>General Information</b>	Contact a licensed waste disposal company. Dispose of as special waste in compliance with local and national regulations.
<b>Disposal Methods</b>	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
<b>Disposal of packaging</b>	Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

#### 14. TRANSPORT INFORMATION

<b>ADR/RID</b>	UN 1987	<b>Packaging Group</b> II		
	<b>Class</b> 3	<b>Hazard ID</b> 30		
	<b>Proper Shipping Name</b>	Alcohols, N.O.S.		
		Alcohols, flammable.		
<b>IMDG</b>	UN 1987	<b>Packaging Group</b> II		
	<b>Class</b> 3	<b>Marine Pollutants</b> No		
	<b>EmS Code</b>	F-E S-D		
<b>IATA</b>	UN 1987	<b>Packaging Group</b> II		
	<b>Class</b> 3	<b>Subsidiary Risk</b>		
	<b>Packaging Instruction (Cargo)</b>	310	<b>Maximum Quantity</b>	220 L
	<b>Packaging Instruction (Passenger)</b>	309	<b>Maximum Quantity</b>	60 L

#### 15. REGULATORY INFORMATION

This preparation is classified as “Hazardous” for labelling purposes

**Label for supply**



**Hazard Symbol**

F, Xi

**Risk phrases**

R11 – Highly Flammable.

R36 – Irritating to eyes.

**Safety phrases**

S(2) – Keep out of reach of children

S7 – Keep container tightly closed.

S16 – Keep away from sources of ignition – No smoking

S23 – Do not breathe vapour

S25 – Avoid contact with eyes

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S29 – Do not empty into drains.

“Contains amongst other ingredients: Disinfectants”

#### 16. OTHER INFORMATION

This Safety Data Sheet, which takes into consideration the requirements of Regulation (EC) 648/2004 plus subsequent amendments and Directive 1999/45/EC plus subsequent amendments, has been prepared in accordance with Directive (EC) 1907/2006. It is believed to be correct and corresponds to the latest state of scientific/ technical knowledge but all data, instructions, recommendations and/or suggestions are made without guarantee.

Risk phrases in Section 3

R11 – Highly flammable

R22 – Harmful if swallowed

R36 – Irritating to eyes

R41 – Risk of serious damage to eyes  
R50 – Very toxic to aquatic organisms  
R67 – Vapours may cause drowsiness and dizziness