

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product Identifier: Jokisch LB-100 LIQUID

ProductID(PIN):

Product Use: Tapping and Cutting Oil

Manufacturer's Name:  
Jokisch GmbH

Supplier's Name:  
Intercon Enterprises Inc.  
11-7550 River Road  
Delta, BC V4G 1C8  
Canada

Germany  
Tel:  
Fax:

Tel: 604 946 6066  
Fax: 604 946 5340

## SECTION 2 - INGREDIENTS

Ingredients	%	CAS Number	LD50/LC50 of Ingredients
	0-2%	3567-69-9	>2000 mg/kg oral (rats)
	0-2%	64-02-8	
	2-7%	102-71-6	
	2-7%	57-55-6	
	6-12%	8002-13-9	
	10-25%	9004-97-1	
	20-40%	9004-96-0	

## SECTION 3 - PHYSICAL DATA

Physical State: liquid  
Odour & Appearance: neutral odour, red colour  
Odour Threshold (ppm): n.av.  
Vapour Pressure (mm Hg): < 10 mbar  
Vapour Density (AIR=1): n.av.  
Evaporation Rate: n.av.  
Boiling Point: 100°C  
Freezing Point: 0°C  
pH: n.app.  
Specific Gravity (g/ccm): 1.02 Method DIN 51 757  
Coeff. Water/Oil Dist.: n.av.

## SECTION 4 - FIRE AND EXPLOSION DATA

Flammability: no  
Means of Extinction: Foam, Halon, Dry Chemical, Do not use Water!  
Flash Point: n.app.  
Upper Flammable Limit: n.av.  
Lower Flammable Limit: n.av.  
Auto Ignition Temperature: n.app.  
Hazardous Combustion Products: NO<sub>x</sub> (nitrogen oxides) CO<sub>x</sub> (carbon dioxide)  
Explosion Data: n.av.  
Sensitivity to Static Discharge: n.app.

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### **SECTION 5 - REACTIVITY DATA**

Chemical Stability: Yes  
Incompatibility with Other Substances: No  
Reactivity and Under What Conditions: n. app.  
Hazardous Decomposition Products: none

### **SECTION 6 - TOXICOLOGICAL PROPERTIES**

Route of Entry: eye contact  
Effects of Acute Exposure: mild irritant when splashed in eyes  
Effects of Chronic Exposure to Product: n.av.  
Exposure Limits: n.av.  
Irritancy of Product: mild irritant when splashed in eyes  
Sensitization to Product: n.av.  
Carcinogenicity: n.av.  
Teratogenicity: n.av.  
Reproductive Toxicity: n.av.  
Mutagenicity: n.av.  
Synergistic Properties: n.av.

### **Section 7 - PREVENTIVE MEASURES**

Personal Protective Equipment:  
Gloves (specify): n.app.  
Respirator (specify): n.app.  
Eye (specify): usually not necessary, safety glasses if danger of direct splashing  
Footwear (specify): n.app.  
Clothing (specify): n.app.  
Other (specify):  
Engineering Controls: local ventilation  
Leak & Spill Procedure: pick up with binding agent and treat as waste oil  
Waste Disposal: dispose of according to Federal, Provincial & local regulations  
Handling Procedure: apply manually or with pump system. Do not allow oil to enter ground water  
Storage Requirements: keep container closed and avoid direct heat exposure  
Special Shipping Information: none

### **Section 8 - FIRST AID MEASURES**

Specific Measures:  
Inhalation: if worker is overcome via misuse, bring person to fresh air, call physician  
Ingestion: call physician, do not induce vomiting, and refer to MSDS  
Eyes: rinse with plenty of water, call physician  
Skin: general hygiene, skin protective ointment, wash with soap & water

Information: safety data from manufacturers of components and Jokisch GmbH  
Certificates from the Pharmacological Institute, Hamburg University

### **SECTION 9 - PREPARATION DATE OF MSDS**

Prepared By: Intercon Enterprises Inc.  
Phone Number: 604 946 6066  
Date: January 2003