

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

**Product Identifier:** Jokisch CSC

**ProductID (PIN):**

**Product Use:** Water-soluble concentrate for cooling systems

**Manufacturer's Name:**

Jokisch GmbH

**Supplier's Name:**

Intercon Enterprises Inc.

11-7550 River Road

Delta, BC V4G 1C8

Canada

Germany

**Tel:**

**Tel:** 604 946 6066

**Fax:**

**Fax:** 604 946 5340

## SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Ingredients	%	CAS Number	LD50/LC50 of Ingredients >1500 mg/kg oral (rats)
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## SECTION 3 - PHYSICAL DATA

Physical State: liquid

Odour & Appearance: no odour, clear liquid

Odour Threshold (ppm): n.av.

Vapour Pressure (mm Hg): n.av.

Vapour Density (AIR=1): n.av.

Evaporation Rate: n.av.

Boiling Point: 100°C

Freezing Point: 0°C

pH: 8.3 @ 2.5% solution with water

Specific Gravity (g/ccm): 1.01 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, Water

Flash Point: n.app.

Upper Flammable Limit: n.av.

Lower Flammable Limit: n.av.

Auto Ignition Temperature: none

Hazardous Combustion Products: none

Explosion Data: n.av.

Sensitivity to Static Discharge: n.app.

**Product Identifier: Jokisch CSC Concentrate**

### **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, skin contact  
Effects of Acute Exposure: mild irritant when splashed in eyes  
Effects of Chronic Exposure to Product: may dry out skin during extended contact  
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): rubber gloves when in extended direct contact with concentrate  
Respirator (specify): n.app.  
Eye (specify): usually not necessary, safety glasses if danger of direct splashing  
Footwear (specify): n.app.  
Clothing (specify): change wet clothes  
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 freezing  
Special Shipping Information: may desire heated shipping during winter months

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

Specific Measures:  
Inhalation: on suspicion of inhalation to lungs, immediately 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 2008