

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product Identifier: Jokisch Z-22 Concentrate **ProductID(PIN):**

Product Use: Water-soluble cleaner & disinfectant

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 - HAZARDOUS INGREDIENTS

Hazardous Ingredients	%	CAS Number	LD50/LC50 of Ingredients
1-Benzisothiazolinon	0-2%	2634-33-5	
	0-2%	64-02-8	
	10-25%	57-55-6	
Pyridinthion	10-25%	3811-73-2	
	10-25%	111-42-2	

SECTION 3 - PHYSICAL DATA

Physical State: liquid
Odour & Appearance: light yellow colour and ammonia like odour
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: 11 - 12 @ 1% solution with water
Specific Gravity (g/ccm): 1.15 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: n.av.
Hazardous Combustion Products: NO_x SO_x CO_x
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. av.
Hazardous Decomposition Products: none

SECTION 6 - TOXICOLOGICAL PROPERTIES

Route of Entry: eye contact, skin contact, skin adsorption, inhalation, ingestion
Effects of Acute Exposure: n.av. known irritant to skin eyes and inhalation
Effects of Chronic Exposure to Product: n.av.
Exposure Limits: n.av.
Irritancy of Product: irritant to eyes, skin and inhalation
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 are necessary
Respirator (specify): disposable half face piece (fume vapour type) air filter
Eye (specify): goggles are necessary
Footwear (specify): n.app.
Clothing (specify): change wet clothes
Other (specify):
Engineering Controls: local ventilation. DO NOT INHALE VAPOURS
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

SECTION 9 - PREPARATION DATE OF MSDS

Prepared By: Intercon Enterprises Inc.
Phone Number: 604 946 6066
Date: January 2008