

MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER JOKISCH S91		PRODUCT IDENTIFICATION NUMBER (PIN)	
PRODUCT USE Tapping and Cutting Fluid			
MANUFACTURER'S NAME Jokisch GmbH		SUPPLIER'S NAME Intercon Enterprises Inc.	
STREET ADDRESS Germany		STREET ADDRESS 11-7550 River Rd.	
CITY	PROVINCE	CITY	PROVINCE
		Delta	BC
POSTAL CODE	EMERGENCY TELEPHONE NO.	POSTAL CODE V4G 108	EMERGENCY TELEPHONE NO. (604) 946-6066

SECTION 2 — HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES)
Not Applicable			LD ₅₀ of product	
			>5000 mg/kg (rats)	
Contains NO ozone depleting chemicals				
Contains NO 1.1.1 trichloroethane				

SECTION 3 — PHYSICAL DATA

PHYSICAL STATE liquid	ODOUR AND APPEARANCE light mineral oil odour, light yellow colour			ODOUR THRESHOLD (ppm) n.av.
VAPOUR PRESSURE (mm Hg) n.av	VAPOUR DENSITY (AIR=1) unknown	EVAPORATION RATE n.av	BOILING POINT(°C)	FREEZING POINT(°C) n.av
pH n.app	SPECIFIC GRAVITY 0.9510 g/cm ³	COEFF. WATER/OIL DIST. n.av.		

SECTION 4 — FIRE AND EXPLOSION DATA

FLAMMABILITY YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF YES, UNDER WHICH CONDITIONS?			
MEANS OF EXTINCTION (Foam, Halon, Dry Chemical)			
FLASHPOINT (°C) AND METHOD > 180°C / 356°F		UPPER FLAMMABLE LIMIT (% BY VOLUME) n.av	LOWER FLAMMABLE LIMIT (% BY VOLUME) n.av
AUTOIGNITION TEMPERATURE (°C) n.app		HAZARDOUS COMBUSTION PRODUCTS n.av	
EXPLOSION DATA	SENSITIVITY TO IMPACT n.app		SENSITIVITY TO STATIC DISCHARGE n.app

SECTION 5 — REACTIVITY DATA

CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO, UNDER WHICH CONDITIONS?	
INCOMPATIBILITY WITH OTHER SUBSTANCES YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF SO, WHICH ONES?	
ACTIVITY, AND UNDER WHAT CONDITIONS n.av	
HAZARDOUS DECOMPOSITION PRODUCTS n.av	

PRODUCT IDENTIFIER

JOKISCH S91

SECTION 6 — TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT

SKIN ABSORPTION

EYE CONTACT

INHALATION

INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

mild irritant if splashed in eyes

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

extended, direct contact with skin may result in "drying out", "defatting" the skin of its natural oils

EXPOSURE LIMITS

n.av

IRRITANCY OF PRODUCT

mild irritant to eyes
mild irritant to skin when
in extended direct contact

SENSITIZATION TO PRODUCT

n.av

CARCINOGENICITY

n.av

TERATOGENICITY

n.av

REPRODUCTIVE TOXICITY

n.av

MUTAGENICITY

n.av

SYNERGISTIC PRODUCTS

n.av

SECTION 7 — PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES (SPECIFY) rubber gloves may be desired when in extended direct contact with hands

RESPIRATOR (SPECIFY)
n.app

EYE (SPECIFY) usually unnecessary. safety glasses when danger of direct splashing present

FOOTWEAR (SPECIFY)

n.app

CLOTHING (SPECIFY)
n.app

OTHER (SPECIFY)
n.app

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS.)

Local ventilation (Dust, mist, smoke, fume; extractor type) when in use over a continuous extended period of time

LEAK AND SPILL PROCEDURE

Pick-up with binding agent and treat as a special waste (waste oil)

WASTE DISPOSAL

Dispose of according to federal, provincial, state, and local regulations

HANDLING PROCEDURES AND EQUIPMENT

Do not allow oil to enter ground water

STORAGE REQUIREMENTS

Closed container, away from excessive heat

SPECIAL SHIPPING INFORMATION

None

SECTION 8 — FIRST AID MEASURES

SPECIFIC MEASURES

- 1) Inhalation - If worker overcome by fumes or vapour, bring person into fresh air. Artificial respiration may be required - call a physician.
 - 2) Ingestion - do not induce vomiting - contact physician.
 - 3) Eyes - wash with water and contact physician immediately.
 - 4) Skin contact - wash with water and soap. (May "defat" skin of natural oils when in extended direct contact)
- Information Sources: safety data from the manufacturers of components and from Jokisch.

SECTION 9 — PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.)

Intercon Enterprises Inc.

PHONE NUMBER

(604) 946-6066

DATE

January 1, 2000