

Safety Data Sheet

according to WHMIS

Concentrate W2 OP

Print date: 26.01.2015

Product code: 160J

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**Product identifier**

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Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Watersoluble Metalworkingfluid

Details of the supplier of the safety data sheet

Company name:	Intercon Enterprises Inc.	
Street:	11-7550 River Road	
Place:	CDN Delta BC V4G 1C8	
Telephone:	604 946-6066	Telefax: 604 946-5340
e-mail:	sales@intercononline.com	
Internet:	www.intercononline.com	
Responsible Department:	Manufacturer:	
	Jokisch GmbH, Germany	
	Industriestraße 5, D-33813 Oerlinghausen	
	Phone: +49.5202.9734-0	
	Fax: +49.5202.9734-49	

Emergency telephone: Giftnotruf Berlin: +49 (0) 30 / 30 686 790**SECTION 2: Hazards identification****Classification of the substance or mixture****SECTION 3: Composition/information on ingredients****Mixtures****Hazardous components**

CAS No	Chemical name	Quantity
64742-56-9	Baseoil - unspecified, Distillates (petroleum), solvent-dewaxed light paraffinic	15 - < 20 %
105-59-9	2,2'-(methylimino)diethanol, N-methyldiethanolamine	5 - < 10 %
102-71-6	Konfektioniertes Triethanolamin	1 - < 5 %
68608-26-4	Natriumsulfonat	1 - < 5 %
141-43-5	2-aminoethanol, ethanolamine	1 - < 5 %
173832-45-6	Polymerisierter Fettsäureester, Ethoxiliert	1 - < 5 %

SECTION 4: First aid measures**Description of first aid measures****General information**

Seek medical attention if problems persist. No administration in cases of unconsciousness or cramps.

After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

After ingestion

In case of swallowing, keep the patient at rest and contact a doctor.

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Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing media**Water fog. Foam. Dry extinguishing powder. Carbon dioxide (CO₂).**Unsuitable extinguishing media**

High power water jet.

Special hazards arising from the substance or mixture

Can be released in case of fire:

Nitrogen oxides (NO_x).Carbon dioxide (CO₂).**Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus. Full protective suit.

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures**

See protective measures under point 7 and 8.

Environmental precautions

Contain and control the leaks or spills with noncombustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal

Methods and material for containment and cleaning up

Large quantities remove mechanically

SECTION 7: Handling and storage**Precautions for safe handling****Advice on safe handling**

Direct contact with skins avoid.

When using do not eat, drink or smoke.

Advice on protection against fire and explosion

Prevent access by unauthorised personnel.

Further information on handling

When using do not eat, drink or smoke.

High slip hazard because of leaking or spilled product.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Recommended storage temperature: 5-40 °C

Maximum period of storage (time): 1 Jahr

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

Do not store with strong oxidizing agents.

Further information on storage conditions

All regulations relating to storage premises apply to workshops where the product is handled.

Maximum period of storage (time):

SECTION 8: Exposure controls/personal protection**Control parameters**

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Exposure controls**Protective and hygiene measures**

Use personal protection equipment as per Directive 89/686/EEC.

Eye/face protection

Use glasses or face shield if there is a risk of splashing.

Hand protection

Protect skin by using skin protective cream.

Wear protective gloves if advisable under safety aspects.

Gloves of appropriate material (i.e. nitrilic rubber, specification: penetration time: level 6, >480 min., thickness 0,9-1 mm; CE-certified acc. EN 374 cat III)

Skin protection

Chemical resistant safety shoes.

Take off immediately all contaminated clothing.

Set out skin protection guidelines.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**

Physical state: flüssig

Colour:

pH-Value (at 20 °C):

in wässriger Lösung 5%= ca. 9,5

Test method

DIN 51369

Changes in the physical state

Density (at 20 °C):

1,014 g/cm³ EN ISO 12185

Viscosity / kinematic:

50-80 mm²/s ASTM D 7042

(at 20 °C)

SECTION 10: Stability and reactivity**Conditions to avoid**

heat.

Incompatible materials

The following must be prevented: Oxidizing agents, strong. acid.

Hazardous decomposition products

Hazardous decomposition products:

SECTION 11: Toxicological information**Information on toxicological effects**

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Acute toxicity

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
64742-56-9	Baseoil - unspecified, Distillates (petroleum), solvent-dewaxed light paraffinic				
	oral	LD50	> 5000 mg/kg	RAT	
	dermal	LD50	>5000 mg/kg	RABBIT	
	inhalative (4 h) aerosol	LC50	>5 mg/l		
105-59-9	2,2'-(methylimino)diethanol, N-methyldiethanolamine				
	oral	LD50	4680 mg/kg	Rat	
102-71-6	Konfektioniertes Triethanolamin				
	oral	LD50	>5000 mg/kg	RAT	
	dermal	LD50	>2000 mg/kg	RAT	
141-43-5	2-aminoethanol, ethanolamine				
	oral	LD50	1515 mg/kg	Rat	
	dermal	LD50	1025 mg/kg	Rabbit	IUCLID
	inhalative vapour	ATE	11 mg/l		
	inhalative aerosol	ATE	1,5 mg/l		

Additional information on tests

No risks worthy of mention. Practical experience.

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 12: Ecological information

Persistence and degradability

Additional information:

Bioaccumulative potential

Can be concentrated in organisms.

Mobility in soil

in delivery condition: liquid

SECTION 13: Disposal considerations

Waste treatment methods

Advice on disposal

Completely emptied packings can be re-cycled.

SECTION 14: Transport information

SECTION 15: Regulatory information

Canadian regulations

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

SECTION 16: Other information



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Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)