

Concentrate W2 OP

Print date : 29.01.2009

Product code : 002

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1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Concentrate W2 OP

Use of the substance/preparation

Watersoluble Metalworkingfluid

Company/undertaking identification

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	
Inquiry office :	Manufacturer:	
	Jokisch GmbH, Germany	
	Industriestraße 5, D-33813 Oerlinghausen	
	Phone: +49.5202.9734-0	
	Fax: +49.5202.9734-49	
Emergency telephone :	++49 (0) 30 / 19240	

2. Hazards identification

Classification

Indications of danger : Irritant

R-phrases :

Irritating to eyes and skin.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition/information on ingredients

Chemical characterization (preparation)

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
268-949-5	68155-20-4	Amide, Tallol-fett-, N,N-Bis(hydroxyethyl)	5 - 10 %	Xi R38-41
	68920-66-1	Fettalkoholpolyglykolether	1 - 5 %	Xi R38
203-868-0	111-42-2	2,2'-iminodiethanol, diethanolamine	1 - 5 %	Xn, Xi R22-48/22-38-41
268-886-3		Fettsäureamid	1 - 5 %	Xi R36
205-483-3	141-43-5	2-aminoethanol, ethanolamine	1 - 5 %	Xn, C R20/21/22-34
221-975-0	3302-10-1	3,5,5-Trimethylheransäure	1 - 5 %	Xn R36
203-961-6	112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	1 - 5 %	Xi R36
203-749-3	110-25-8	Oleoylsarkosin	< 1 %	Xi, N R38-41-50-53
248-469-2	27458-92-0	Fettalkohol	< 1 %	Xi, N R38-50
	55406-53-6	Iodpropinylbutylcarbammat	< 1 %	Xn, Xi, N R20/22-41-50

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures

General information

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

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After inhalation

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

After contact with skin

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of Water and soap.

After contact with eyes

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

After ingestion

Do not induce vomiting. In case of swallowing, keep the patient at rest and contact a doctor.

Advice to doctor

Treat symptomatically

5. Fire-fighting measures**Suitable extinguishing media**Water spray. Foam. Dry extinguishing powder. Carbon dioxide (CO₂).**Extinguishing media which must not be used for safety reasons**

High power water jet.

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gasesCan be released in case of fire:
Nitrogen oxides (NO_x).
Carbon monoxide.
Carbon dioxide (CO₂).**Special protective equipment for fire-fighters**

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

6. Accidental release measures**Personal precautions**

See protective measures under point 7 and 8.

Environmental precautionsContain and control the leaks or spills with noncombustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal
Do not empty into drains or the aquatic environment.**Methods for cleaning up/taking up**Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Large quantities remove mechanically
Clean contaminated objects and areas thoroughly observing environmental regulations. Clean with detergents. Avoid solvent cleaners.**7. Handling and storage****Handling****Advice on safe handling**Use only in well-ventilated areas.
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.

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Further information on handling

When using do not eat, drink or smoke.
High slip hazard because of leaking or spilled product.

Storage**Requirements for storage rooms and vessels**

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.
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

te regulations relating to storage premises apply to workshops where the product is handled.
Maximum period of storage (time):

8. Exposure controls/personal protection**Exposure limit values****Exposure limits (EH40)**

CAS-No.	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
112-34-5	2-(2-Butoxyethoxy)ethanol	15	101,2		TWA (8 h)	WEL
		10	67,5		STEL (15 min)	WEL
141-43-5	2-Aminoethanol	1	1.5		TWA (8 h)	WEL
		3	7.6		STEL (15 min)	WEL

Exposure controls**Protective and hygiene measures**

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

Respiratory protection

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.

Hand protection

Protect skin by using skin protective cream.
Wear protective gloves if advisable under safety aspects.
Wash hands before breaks and at the end of work.
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)

Eye protection

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

Skin protection

Chemical resistant safety shoes.
Take off immediately all contaminated clothing.
Thorough skin-cleansing after handling the product.
Set out skin protection guidelines.

9. Physical and chemical properties**General information**

Physical state : liquid
Colour : green

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Odour : characteristic

Important health, safety and environmental information

pH-Value (at 20 °C) :

Test method

9,7 DIN 51369

Changes in the physical state

Density (at 20 °C) :

1,05 g/cm³ EN ISO 12185

Vapour density :

479 ASTM D 7042

(at 20 °C)

10. Stability and reactivity**Conditions to avoid**

Protect against: heat.

Materials to avoid

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

Hazardous decomposition products

Hazardous decomposition products: none / none

11. Toxicological information**Acute toxicity**

After ingestion: LD50: > 2000mg/kg Rat.

After skin contact: LD50: > 2000mg/kg Rat.

following inhalation: LC50: > 5mg/1/4hRat.

Additional information on tests

No risks worthy of mention. Practical experience.

The statement is derived from the properties of the components.

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

12. Ecological information**Mobility**

in delivery condition: liquid

Persistence and degradability

Additional information: none / none

Bioaccumulative potential

Can be concentrated in organisms.

13. Disposal considerations**Advice on disposal**

Completely emptied packings can be re-cycled. Waste disposal according to official state regulations.

Waste disposal number of waste from residues/unused products120109 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; machining emulsions and solutions free of halogens
Classified as hazardous waste.**14. Transport information****Land transport (ADR/RID)**

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Other applicable information (land transport)

Not restricted

Inland waterways transport**Other applicable information (inland waterways transport)**

Not restricted

Marine transport**Other applicable information (marine transport)**

Not restricted

Air transport**Other applicable information (air transport)**

Not restricted

15. Regulatory information**Labelling**

Danger symbols : Xi - Irritant

R phrases

36/38 Irritating to eyes and skin.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

23 Do not breathe Aerosol.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
37 Wear suitable gloves.
61 Avoid release to the environment. Refer to special instructions / Safety data sheets.

EU regulatory information

1999/13/EC (VOC) : 5,409 % (56,793 g/l)

National regulatory information

Water contaminating class (D) : 2 - water contaminating

16. Other information**Full text of R-phrases referred to under sections 2 and 3**

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
20/22 Harmful by inhalation and if swallowed.
22 Harmful if swallowed.
34 Causes burns.
36 Irritating to eyes.
36/38 Irritating to eyes and skin.
38 Irritating to skin.
41 Risk of serious damage to eyes.
48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
50 Very toxic to aquatic organisms.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
53 May cause long-term adverse effects in the aquatic environment.

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