

**Material Safety Data Sheet**

according to ANSI Z400.1-2004

HDS 400

Print date: 13.01.2012

Product code: 81

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

HDS 400

Chemical characterization (Mixture)**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 Giftnotruf Berlin: +49 (0) 30 / 30 686 790	

Emergency telephone:**SECTION 2: Hazards identification****Route(s) of Entry****Signs and Symptoms of Exposure**

Carcinogenicity (NTP):

Carcinogenicity (IARC):

Carcinogenicity (OSHA):

SECTION 3: Composition/information on ingredients**Mixtures****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

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

After contact with skin

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

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

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After ingestion

If swallowed, immediately drink: Water. Do not induce vomiting. In case of swallowing, keep the patient at rest and contact a doctor.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing media**

Extinguishing materials should be selected according to the surrounding area. Water fog.
Extinguishing powder. Carbon dioxide. Foam.

Unsuitable extinguishing media

High power water jet.

Special hazards arising from the substance or mixture

@0902.B009465 Can be released in case of fire:
Carbon dioxide (CO₂).
Carbon monoxide.
Nitrogen oxides (NO_x).

Advice for firefighters

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

Additional information

Contaminated fire-fighting water must be collected separately. Do not empty into drains or the aquatic environment.

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

See protective measures under point 7 and 8.

Environmental precautions

Do not empty into drains or the aquatic environment. Do not empty into drains or the aquatic environment. Prevent spreading over great surfaces (e.g. by damming or installing oil booms).

Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the assimilated material according to the section on waste disposal. 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.

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

Avoid oil mist
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

High slip hazard because of leaking or spilled product.

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

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

Recommended storage temperature: 5-40 °C

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

Do not store with strong oxidizing agents.

Maximum period of storage (time): 3 Jahr

SECTION 8: Exposure controls/personal protection**Control parameters****Exposure controls****Protective and hygiene measures**

Change contaminated clothing. Wash hands before breaks and at the end of work. When using do not eat or drink. 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.

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

Physical state:	liquid
Color:	brown
Odor:	characteristic

Test method

pH-Value:	not applicable
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Changes in the physical state

Boiling point:	not determined
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Flash point:	161 °C DIN EN 57
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Lower explosion limits:	not determined
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Upper explosion limits:	not determined
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Vapour pressure:	not determined
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Density (at 20 °C):	1,02 g/cm ³ ASTM D 1298
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Viscosity / kinematic:
(at 40 °C)95 mm²/s ASTM 7042**SECTION 10: Stability and reactivity**

Stability:

Possibility of Hazardous Reactions:

Conditions to avoid

Protect against: heat.

Incompatible materials

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

Hazardous decomposition products

Hazardous decomposition products: none/none

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

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

SECTION 12: Ecological information**Mobility in soil**

in delivery condition: liquid

Further information

Do not empty into drains or the aquatic environment. @0602.B060026 The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations**Waste treatment methods****Advice on disposal**

Do not empty into drains or the aquatic environment. Waste disposal according to official state regulations.

SECTION 14: Transport information**Land transport (ADR/RID)****Other applicable information**

Not restricted

Inland waterways transport**Other applicable information**

Not restricted

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Marine transport**Other applicable information**

Not restricted

Air transport**Other applicable information**

Not restricted

SECTION 15: Regulatory information**U.S. Regulations****SECTION 16: Other information****Hazardous Materials Information Label (HMIS)**

Health: 0

Flammability: 1

Physical Hazard: 0

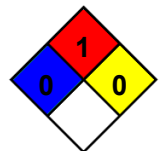
NFPA Hazard Ratings

Health: 0

Flammability: 1

Reactivity: 0

Unique Hazard:



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