

**396-DRX  
NC HF VOC-free Flux**

**Producer**

Cobar Europe BV  
Aluminiumstraat 2  
4823 AL Breda The Netherlands  
PO Box 3251  
4800 DG Breda  
E-mail: i.van.tiggelen@cobar.com  
In case of emergency : +31 76 5445566

**Responsible for distribution**

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**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

Identification of the product : Liquid.  
Company identification : See distributor.  
Trade name : 396-DRX NC HF VOC-free Flux.  
Use : Industrial.

**2 HAZARDS IDENTIFICATION**

Risk Phrases : Irritating to eyes and skin.  
- Inhalation : May cause sensitization by inhalation.  
- Skin contact : May cause sensitization by skin contact.  
- Eye contact : May cause eye irritation.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

This product is not considered to be hazardous but contains hazardous components.

Substance name	Value(s)	CAS No / EC No / EC Index	Symbol(s)	R-Phrase(s)
<u>Lower glycol</u>	: Between 1 and 10 %	111-76-2 / ----- / -----	Xn Xi	20/21/22-36/38
<u>SUCCINIC ACID</u>	: Between 1 and 10 %	110-15-6 / 203-740-4 / -----	Xi	36/37/38
<u>ISOPROPYLALCOHOL</u>	: Between 1 and 10 %	67-63-0 / 200-661-7 / -----	Xi F	11-36-67
<u>ADIPIC ACID</u>	:Between 0.01 and 1 %	124-04-9 / ----- / -----	Xi	36
<u>Heterocyclic solvent</u>	:Between 0.01 and 1 %	3445-11-2 / ----- / -----	Xi	36/38
<u>Surfactant</u>	:Between 0.01 and 1 %	61791-31-9 / ----- / -----	Xn Xi	10-20/21/22-36/ 37/38-41-43-48/ 22

**4 FIRST AID MEASURES**

First aid measures

- Inhalation : Assure fresh air breathing.  
If not breathing, give artificial respiration.  
Seek medical advice.

- Skin contact : Rinse immediately with plenty of water.  
Seek medical attention if irritation develops.

- Eye contact : Rinse immediately with plenty of water. Seek medical attention immediately.

- Ingestion : Rinse mouth.  
Do not induce vomiting.  
Obtain emergency medical attention.

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**5 FIRE-FIGHTING MEASURES**

- Flammable class : The product is not flammable.
- Extinguishing media : Foam. Powder.  
Carbon dioxide.  
Dry chemical.  
Water.
- Surrounding fires : Use water spray or fog for cooling exposed containers.
- Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures : Avoid (reject) fire-fighting water to enter environment.

**6 ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Keep public away from danger area.  
Equip cleanup crew with proper protection.
- Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
- Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.  
Use suitable disposal containers.

**7 HANDLING AND STORAGE**

- Precautions in handling and storage : Avoid all unnecessary exposure.
- Storage : Keep container closed when not in use.  
Store in dry, well-ventilated area.
- Handling : Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.  
Do not breathe gas, fumes, vapour or spray.  
Remove soiled clothing promptly.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

- Personal protection
- Respiratory protection : Where excessive vapour may result, wear approved mask.
  - Hand protection : Gloves.
  - Skin protection : Wear suitable protective clothing.
  - Eye protection : Chemical goggles or safety glasses.
  - Ingestion : When using, do not eat, drink or smoke.
- Industrial hygiene : Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations.  
Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.  
Take a shower or wash hands.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : Liquid.
- Physical state at 20 °C : Liquid.
- Colour : Colourless.
- Odour : None.
- Boiling point [°C] : 112
- Density : 1.007
- Vapour pressure [hPa] : 0.23

**396-DRX  
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Solubility in water : Good.  
Flash point [°C] : 101  
Auto-ignition temperature [°C] : 961.3

**10 STABILITY AND REACTIVITY**

Hazardous decomposition products : No data available.  
Materials to avoid : Oxidizer.  
Conditions to avoid : Extremely high or low temperatures.

**11 TOXICOLOGICAL INFORMATION**

Rat oral LD50 [mg/kg] : No data available.  
Rabbit dermal LD50 [mg/kg] : No data available.  
Rat inhalation LC50 [mg/l/4h] : No data available.

**12 ECOLOGICAL INFORMATION**

LC50-96 Hour - fish [mg/l] : 1000  
IC50 72h Algae [mg/l] : 1800

**13 DISPOSAL CONSIDERATIONS**

General : Dispose in a safe manner in accordance with local/national regulations.

**14 TRANSPORT INFORMATION**

Labelling ADR : None.

**15 REGULATORY INFORMATION**

Symbol(s) : None.  
R Phrase(s) : None.  
S Phrase(s) : None.

**16 OTHER INFORMATION**

Further information : R10 : Flammable.  
R11 : Highly flammable.  
R20/21/22 : Harmful by inhalation, in contact with skin and if swallowed.  
R36 : Irritating to eyes.  
R36/37/38 : Irritating to eyes, respiratory system and skin.  
R36/38 : Irritating to eyes and skin.  
R41 : Risk of serious damage to eyes.  
R43 : May cause sensitization by skin contact.  
R48/22 : Harmful : danger of serious damage to health by prolonged exposure if swallowed.  
R67 : Vapours may cause drowsiness and dizziness.

The contents and format of this SDS are in accordance with EEC Commission Directive 1907/2006EC.



<b>SAFETY DATA SHEET</b>	Page : 4
	Revision nr : 2
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	www.lisam.com

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