

EU-Safety Data Sheets relating 91/155/EEC number: 097-001

Home Nr.: 097-001 Revise at: 01.2010
Name of Cmrce. **Flux For Hydro-Unit**
Version: 1.1 Class of: 01.2010
Product no.: **097-001-00**
Code:

01. Identification of the Substance and of the Company

Product Definition

Name of Cmrce.: Flux For Hydro-Unit
Product-Infos: Flux For Hydro-Unit
Manufacturer: DENTAURUM GmbH & Co. KG
Turnstraße 31D-75228 Ispringen

Information from

Emergency-Info: Chemie
07231-803-184/190

02. Composition/Information on Ingredients

Chemical Nature:
Methanol

CAS: 67-56-1	EG: 603-001-00-X	UN: 1230	EINECS: 200-659-6
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Dangerous Contents:

CAS number/Description:	Concentration:	GS:	R Phrases:
67-56-1 Methanol		T, F	11-23/25

03. Hazards Identification

11 Highly flammable.
23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

04. First-Aid Measures

- First aid measures / general information
Remove contaminated soaked clothing immediately and dispose of safely.
- First aid measures / inhalation
Ensure supply of fresh air.
- First aid measures / skin contact
In case of contact with skin wash off immediately with plenty of water
- First aid measures / eye contact
In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice
- First aid measures/ if swallowed
Rinse out mouth and give plenty of water to drink.
Induce vomiting if patient is conscious, seek medical advice.

05. Fire-fighting Measures

- Suitable extinguishing materials
water
foam
dry powder
carbon dioxide

06. Accidental Release Measures

- personal precautions
Ensure adequate ventilation
Keep away sources of ignition.
- methods for cleaning up/taking up
Take up with absorbent material (e.g. general-purpose binder).
Dispose of absorbed material in accordance with the regulations.

07. Handling and Storage

- Advice on protection against fire and explosion
Keep away from sources of ignition
Take precautionary measures against static discharges
- Further information on storage conditions
Keep container tightly closed
Keep container in a well-ventilated place
Keep under lock and key or accessible only to specialists or people authorized by them.
Recommended storage temperature: 20°C.

08. Exposure Controls/Personal Protection

- Respiratory protection
Breathing apparatus in the event of high concentrations.
- Hand protection
impermeable gloves
- Eye protection
goggles
- General protective measures
Do not inhale vapours
- Hygiene measures
Remove soiled or soaked clothing immediately.
After work-time and during work intervals the affected skin areas must be thoroughly cleaned.
Use barrier skin cream.

Ingredients relating to Workplace-Limits to get supervised

CAS number/Description:	Concentration:	Typ:	Value:
67-56-1 Methanol	-	MAK	270,000 mg/m ³ 200,000 ml/m ³

09. Physical and chemical Properties

- Form
Liquid
- Colour
colourless
- Odour
alkoholic
- Changes in physical state 2, liquid - gaseous and others
Boiling point: 78°C
- Flash point / method
DIN 51755: 11°C
- Ignition temperature / method
DIN 51794: 455°C
- Lower explosion limit / remarks: 5,5 Vol %
- Upper explosion limit / remarks: 36,5 Vol %
- Density / remarks: 20°C/ 0,81 g/cm³
- Solubility in water / remarks
soluble

10. Stability and Reactivity

- Hazardous reactions
Formation of explosive gas/air mixtures.
Reactions with oxidising agents.
Reactions with alkali metals.
Reactions with earth alkali metals.

11. Toxicological Information

- Acute oral toxicity / LD50
LD50
- Acute oral toxicity / species
rat: 5628 mg/kg
- Acute inhalational toxicity / LC50
LC50
- Acute inhalational toxicity / species
rat: >64000mg/l/4h
- Experiences made in practice
Poisonous when swallowed.
Irritating effects on the skin and mucous membrane.
When inhaled in larger quantities, the solvent cause a narcotic effect.

12. Ecological Information

- Fish toxicity / effective concentration
LC50
- Fish toxicity / species
Lepomis macrochirus: 15400 mg/l/96h

13. Disposal Considerations

- Disposal / product
In accordance with regulations for special waste, must be taken after pretreatment to an authorised special waste disposal site or incineration plant
Waste code no. (only EC): 070704
- Disposal / contaminated packaging
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse

14. Transport Information

- UN 1230
- Land transport / lorry / international / remarks
1230 Methanol
- Land transport / rail / international / remarks
1230 Methanol
- Marine transport / remarks
Proper shipping name: Methanol
- Air transport / remarks
proper shipping name: Methanol

	GGVS/E-Class/Digit:	3, II	AS-No.:	070704
1230	ADR/RID-Class/Digit:	3, II	Category:	
	ADNR-class:		EmS:	F-E, S-D
	IMDG/GGVSee-CI/Digit:	3, II	ICAO/IATA:	3 / 6.1
	MFAG:	303	PG:	II

15. Regulatory Information

- Labelling
The product is classified and labelled in accordance with EC directives
Hazard symbols
- F Highly flammable
- T Toxic
- R phrases
- 11 Highly flammable.
- 23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
- 39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
- S phrases
- 16 Keep away from sources of ignition --- No smoking.
- 36/37 Wear suitable protective clothing and gloves.
- 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- 7 Keep container tightly closed.
- Water hazard class / remarks
Weakly water hazardous WGK 1



Highly flammable



Toxic

16. Other Information

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.