

Material Safety Data Sheet

In accordance with 2001/58/EC

ORGANOMETAL sa

Product Name: ORGANOCu 8

Date: 11.01.07

Edition:01



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

Product information

Trade Name: ORGANOCu 8

Use: Fungicide, Fuel additive

Company: ORGANOMETAL sa
Address: G Androutsou 5 Koukaki Athens
Telephone: +30 22620 30982
Telefax: +30 22620 56646

Emergency Telephone Number: 210 7793777-9

2. COMPOSITION /INFORMATION ON INGREDIENTS

Chemical nature: Solution of organometallic copper salt in mineral spirit

	CAS No.	EINECS No.	Concentration	Symbol	R-Phases
Copper octoate	149-11-1	205-731-0	45%	Xn,N	22, 36/38,50/53
Low aromatic White Spirit	64742-82-1	265-185-4	55%	Xn ,N	10,51/53 65,66

3. HAZARDS IDENTIFICATION

Risk advise to man and the environment R22 Harmful if swallowed
R36/38 Irritating to eyes and skin
R51/53 Toxic to aquatic organisms may cause long term adverse
R50/53 Very toxic to aquatic organisms may cause long term adverse
R65 Inhalation may cause sleepiness and dizziness
R66 Repeated exposure may cause skin dryness or cracking

Chemical and physical risk: R10 Flammable

4. FIRST AID MESURES

General Advice: Take off all contaminated immediately

Inhalation: Move to fresh air in case of accidental inhalation of vapors

Skin Contact: Wash off immediately with soap and plenty of water

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Ingestion: Do not induce vomiting: contains petroleum distillates.

Notes to physician: No hazards which require special first aid measures.

5. FIRE FIGHTING MESURES

Suitable extinguishing media: Foam, water spry.

Extinguishing media which must not be used for safety reasons: High volume water jet.

Specific hazards during fire fighting: Burning produces irritant fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment.

Environmental precautions: Do not let product enter drains.

Methods for cleaning up: Soak up with inert absorbent material(e.g. sand, silica gel Acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Handling
Advice on safe handling Keep away form sources of ignition.
No smoking.
When pumping use anti-explosive motors.

Advice on safe handling: Keep containers tightly closed in dry and well ventilated pace.
Keep away form heat.

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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Low aromatic White Spirit
CAS No.: 647442-82-1

EH40 OES / TWA 575mg/m³ or 100 ppm
EH40 OES / STEL 720mg/m³ or 125 ppm
OSHA/PEL 2900mg/m³ or 500ppm
ACGIH/TLV 525mg/m³ or 100ppm

Copper octoate
CAS No.: 149-11-1

EH40 OES/ TWA 1mg/m³ as Cu mist
OSHA/PEL TWA 1mg/m³
ACGIH/TLV TWA 0.2mg/m³

Personal protective equipment

Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection:

Suitable gloves

Eye protection:

Wear tightly fitting goggles.

Skin and body protection:

Wear long sleeved clothing.

Additional measures

Do not drink, eat or smoke when use.

Avoid contact with the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:

Liquid

Colour:

Green / blue

Odor:

Characteristic mineral spirit

pH

-

Melting point:

-15 °C

Boiling point:

140 °C

Ignition temperature:

41 °C

Lower explosion limit:

0.6% V

Upper explosion limit:

7% V

Vapor pressure:

250 mm Hg in 38 °C

Density:

0.9 g/cm³

Solubility:

In organic solvents

Viscosity:

100 mPas

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10. STABILITY AND REACTIVITY

Conditions to avoid: No decomposition if used as directed.

Materials to avoid: Strong oxidizing agents.

Hazardous decomposition products: Carbon oxides, Copper compounds.

Other information: Polymerization dose not occur.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

Inhalation: LD₅₀ dosage for rat: < Not determined

Swallowing: LD₅₀ dosage for rat: < 2g/kg

Skin irritation: LD₅₀ dosage for rabbit: < 3g/kg

Eye irritation: 0,1 ml dosage for rabbit

12. ECOLOGICAL INFORMATION

Eco toxicity Effects

Acute toxicity (toxicity to fish): Highly toxic to aquatic organisms

Toxicity to bacteria: No data available

Toxicity to algae: Pesticide

Bioaccumulation: No data available

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13. DISPOSAL CONSIDERATIONS

Product: Can be incinerated, when in compliance with local regulations

Unclean Empty Packaging: Empty containers should be taken for local recycling or Waste disposal.

14. TRANSPORT INFORMATION

ADR/RID: Class : 6.1

IMCO: Class : 6.1

IATA: Class : 6.1 Risk 3

Packaging Group: III

UN- No: 3010

Description of the goods: Pesticide, organo metallic liquid, toxic, flammable

Sea transport: Marine pollutant.

15. REGULATORY INFORMATION

EU regulations: 91/155/EK, 93/112/EK και 99/45/EK

Hazards: Copper octoate

Symbols



Xn
Harmful



N
Dangerous for aquatic environment

R-phrases

R10 Flammable
R20/21 Harmful by inhalation and in contact with skin
R22 Harmful if swallowed.
R36/38 Irritating to eyes and skin
R 50/53 Very toxic to aquatic organisms, may cause long –term adverse
R 65 Harmful may cause lung damage if swallowed.

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S-phrases

S36/37 Wear suitable protective clothing and gloves.
S28 Wash off immediately with soap and plenty of water.
S20/21 Do not eat, drink or smoke when using.

National legislation

Notification status : The components of the product are listed in EINECS inventory

16. OTHER INFORMATION

The information given herein is based on our present state of knowledge and concern specifically the described material. There is no guarantee when used in combination with other materials or to any fermentation.