

Material Safety Data Sheet

In accordance with 2001/58/EC

ORGANOMETAL sa

Product name: ORGANO Mn 10

Date: 15.11.06

Edition:01



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

Product information

Trade Name: ORGANO Mn 10

Use: Paint Drier

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 manganese salt in mineral spirit.

	CAS No.	EINECS No.	Concentration	Symbol	R-Phases
Manganese II octoate	6535 -19-9	229-437-7	70%	Xi	38, 20/21
Mineral spirit aliphatic	64742-88-7	265-191-7	30%	Xn,N	10,51/53,65,67

3. HAZARDS IDENTIFICATION

Risk advise to man and the environment R38 Irritant to skin
R20/21 Harmful by inhalation and in contact with skin
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects.
65 Harmful, may cause lung damage if swallowed
R67 Inhalation may cause sleepiness and dizziness

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 vapours.

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

Material Safety Data Sheet

In accordance with 2001/58/EC

ORGANOMETAL sa

Product name: ORGANO Mn 10

Date: 15.11.06

Edition:01

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 place. Keep away form heat.

Material Safety Data Sheet

In accordance with 2001/58/EC

ORGANOMETAL sa

Product name: ORGANO Mn 10

Date: 15.11.06

Edition:01

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Mineral spirit

CAS No.: 64742-88-7

EH40 OES / TWA 8 ώρες 575mg/m³ ή 100 ppm
EH40 OES / STEL15 λεπτά 720mg/m³ ή 125 ppm
OSHA/PEL 2900mg/m³ ή 500ppm
ACGIH/TLV 525mg/m³ ή 100ppm

Manganese octoate

CAS No.: 6535 -19-9

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:

Brown /read

Odor:

Characteristic mineral sprit

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:

1.010 gr./cm³

Solubility:

In organic solvents

Viscosity:

300 mPas

Material Safety Data Sheet

In accordance with 2001/58/EC

ORGANOMETAL sa

Product name: ORGANO Mn 10

Date: 15.11.06

Edition:01

10. STABILITY AND REACTIVITY

Contitions to avoid: No decomposition if used as directed.

Materials to avoid: Strong oxidizing agents.

Hazardous decomposition products: Carbon oxides, nitrogen oxides (NOx)

ΑΛΛΕΣ ΠΛΗΡΟΦΟΡΙΕΣ : Polymerization dose not occur.

11. TOXILOGICAL INFORMATION

Acute oral toxicity

Inhalation: LD₅₀ dosage for rat: < 5500 mg/m³ for 4 hours.

Swallowing: LD₅₀ dosage for rat: < 4g/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): No data available.

Toxicity to bacteria: No data available.

Toxicity to algae: No data available.

Bioaccumulation: No data available.

Material Safety Data Sheet

In accordance with 2001/58/EC

ORGANOMETAL sa

Product name: ORGANO Mn 10

Date: 15.11.06

Edition:01

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 : 3
IMCO: Class : 3.3
IATA: Class : 3
Packaging Group: III
UN- No: 1263
Description of the goods: Flammable Liquid

15. REGULATORY INFORMATION

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

Hazards: Manganese II octoate

Symbols



Xn
Harmful



N
Dangerous for the environment

R-phrases

R10 Flammable
R20/21 Harmful by inhalation and in contact with skin
R38 Irritating to skin
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects.
R 65 Harmful, may cause lung damage if swallowed

Material Safety Data Sheet

In accordance with 2001/58/EC

ORGANOMETAL sa

Product name: ORGANO Mn 10

Date: 15.11.06

Edition:01

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.