



index card of information - safety(security) (91 / 155 / EEC)

Date printing 01 Jan 99  
Modified in in 01.01.01  
**EXCELFUEL-MECCAFUEL-STRATOS**  
CASE 67-56-1 AND 75-52-5

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## 1. Name of the product now the preparation and name of the company

Trademark and retailer **EXCELFUEL-MECCAFUEL-STRATOS / MECCAMO**

Manufacture / to beg MECCAMO limited company - 193 ZI Avon – 13120 GARDANNE  
Phone: 04.42.58.09.75 Fax: 04.42.58.08.39

Which can service look  
Information Technical Service

Information in compartment of emergency Centres anti-poison. Tél 01 40 05 48 48

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## 2. Composition / information about components

	METHANOL	NITROMETHANE
Numbers CASE	67-56-1	75-52-5
N EEC ( EINECS / ELINCS)	200-659-6	200-876-6
N INDEX	603-001-00-X	609-036-00-7

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## 3. Possible dangers

### Judgments R

11	easily flammable
23/24/25	toxin by inhalation, by with the skin and by contact ingestion.
39/23/24/25	toxin: danger of very grave irreversible effects by inhalation, by with the skin contact and by ingestion

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## 4. First aids

### General remarks

Yew there is has risk of faint, to lengthen and to transport the persons contaminated in lateral position of security. Remove at ounce quite clothes soiled and to was able to it aside.

### After inhalation

Assure has contribution of fresh air.  
Call immediately has to doctor.  
In compartment of respiratory stop ruling , use has respiratory system; call a doctor

### After with the skin contact

In compartment of with the skin contact, wash at ounce in the water and in the soap.

### After with eyes contact

In compartment of with eyes contact, wash at ounce and abundantly with some water and consult has specialist.

### After ingestion

Make provoke the vomits only by the subject he even, yew he is conscious .  
Administer possibly has solution of Sodium chloride (spoons with soup 2-3 / 500ml of water). Do not use at the young child.  
Medical treatment

### Remark addressing the doctor / possible symptoms

- light sensitivity
- loss of consciousness
- headaches
- dullness
- dizzinesses

### Remark addressing the doctor / possible dangers

- risk of circulatory collapse



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## 5. Measures of fight against the fire

### Extinction Appropriate agents of

- stable powder in alcohols
- classify ABC produced fire extinguishers in powder-
- dioxide of carbon
- pulverized water

### Agent of extinction not suited for reasons of safety ( security )

-water jet

### Owed Particular risks to the product, to its residues after golden combustion to the clear gases

In case of fire it can have release of there:

- ( nox) oxide of nitrogen
- carbon monoxide (CO)

### Particular equipment of protection

Use the year autonomous respiratory system.

Wear has complete garment protection.

Do not inhale the year golden during explosion gases loosened during has fire.

### Different remarks

Cool bowls threatened by evaporation of water.

Overturn of the froth in very big quantities because it is partially destroyed by the pro.

The residues of fire and the water of contaminated extinction was be eliminated according to the premises rule current

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## 6. Measures to be taken in compartment of accidental dispersal

### Relative Precautionary measures to the persons

Hold the persons aside and not stay under the wind.

Wear out has garment of individual protection.

Ignition Like away from the sources of.

### Protective measures of the environment

Throw back neither in the channeling of sewer nor in the pluviales channeling

Prevent the distribution one the surface (by ex.à the help of dike now barriers anti-oils)

Down pullover gases / vapors / fogs by pulverizing of water.

### Process of cleaning / recovery

Strive by means of the system of aeration of premises.

Heaps with suited products absorbing liquids.

### Additional remarks

Concerning the elimination information: see chapter 13

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## 7. Manipulation and stocking

### Precautions during the manipulation

Assurehas good aeration of premises, possibly proceed to the year inhalation one the scene of work.

Open and treat bowls with precaution.

Doh not use for operations of cleaning.

### Conditions to be filled in places of stocking of goods

Infiltrations in the ground Prevent the.

Keep only in the bowl of origin.

### Remarks relative to the stocking with the other products

Doh not blind with oxidizing agents and golden alkaline products.

Maintain the hermetically closed bowls. Stocking: at the expense and at the dry.

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## 8. Control of the exhibition and individual equipment of protection

### Protection of respiratory pamphlets

- protection device of autonomous respiratory.
- respiratory protection in compartment of insufficient golden inhalation of prolonged exhibition.

### Protection of hands

- gloves rubber

### Protection of eyes

- assuring glasses a protection completes eyes.

### Physical protection

- light garment of protection.

### General measures of hygiene and protection

Respect the precautions of custom concerning the manipulation of chemical substances.

Keep away from food and human and animal drinks.

Wash himself hands after usage.

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## 9. Physical and chemical properties

state	Colour	Smell
Crystal clear liquid	Variable according to family	characteristic

### Boiling point

70°C < E < 80°C

### Fusion point-

60°C < F < -80°C

### Flash of lighting

0 °C < flash of lighting < 23 °C

### Density

0,812 < d20 < 0,896 g / cm3

### Temperature of automobile ignition

430 °C approximately

### Solubility in the water

Total in partial

### Lower limit of explosibilité

5,5 flight(theft) %

### Superior limit of explosibilité

35,5 flight(theft) %

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## 10. Stability and ability to react

### Conditions to be avoided

High temperature.

Possible explosion by compression adiabatique

Shape with the air an explosive gas mixture

### Materials to be avoided

Lead, Copper or their miscellanies, alkaline

### Dangerous products of decomposition

CO – CO2-NOx



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## 11. Toxicologics information

### Highly toxic / irritation / sensitization

	value / Evaluation	Sorts
<b>DL 50aiguë by ingestion</b>	5628 mg / kg	rat
<b>DL 50aiguë by contact with the skin</b>	15800 mg / kg	rabbit
<b>CL 50aiguë by inhalation</b>	83,8 mg / l (4 h)	rat
<b>Irritation of the skin</b>	Averagely irritating	rabbit
<b>Irritation of eyes</b>	slightly irritating	rabbit
<b>Sensitization of the skin</b>	not making sensitive	Cochin of India

### Empirical observations

Risk grave eye hurts

The inhalation causes pains of head / sicknesses

The inhalation has a narcotic effect or provokes a sensation of drunkenness

## 12. Ecological information

### Information relative to the elimination (obstinacy and degradation)

	rate of elimination	Method
<b>Biodégradabilité</b>	99%	D OECD 301

### Toxic effect on the environment

	value	Sorts	Method
<b>Fish</b>	CL 50 15500 mg / l (96 h)	Lepomis macrochirus	
<b>Daphnie</b>	IT 50 > 10000 mg / l (24 h)	Daphnia hurried	DIN 38412 Leaves 11
<b>Algae</b>	THIS 50 3,6 % 10d)	Chlorella pyrenoidosa	
<b>Bacteria</b>	IT 50 ca. 71 g/l	activated mud ( com ).	

### Different remarks relative to the environment

	value	Method
<b>DCO</b>	on 1420 mg / g	EEC 84/449
<b>DBO 5 d</b>	1,12 gO <sub>2</sub> / g	

### General remarks

Avoid the draining of product in waters and also in channeling connected with water-treatment plants.

## 13. Remarks relative to the elimination

### Product of cleaning recommended

Water



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## 14. Prescriptions relative to the transport

### Ground transport (ADR-RID – GGVS-GGVE)

Name of the goods	Running for mockup
classify –	3
N of danger	336
N of product	1992
PG	II

### Sea transport (IMDG-GGV)

Name of the goods	Running for mockup
classify	3.2
N UNO	on 1992
polluting sailor	Not
PG	II
MFAG	306
IMDG page	3232

### Air transport (ICAO-IATA)

Name of the goods	Running for mockup
classify	3
N UNO / ID	on 1992
PG	II

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## 15. General prescriptions

### Remarks relative to the identification

#### Identification

T	Toxic
F	easily flammable

#### Sentences R

11	easily flammable
In 23/25/26	Toxic by inhalation and by ingestion
39 // in 23/24/25	Toxic:danger of very grave irreversible effects by inhalation, by contact with the skin and by ingestion

#### Sentences S

1 / 2	to keep under key and outside the reach of the children
16	Keep away from quite flame or source of sparks---not smoke
36/37	Wear a garment of protection and the appropriate gloves
45	In the event of an accident or of illness, consult at once a doctor (if possible to show him the label)
7	Keep the well closed bowl

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## 16. Different information

### Different information

This information was collected on the basis of our current knowledge. They do not however guarantee the properties of the product and would not know how to engage our responsibility in case of dispute.