

**SAFETY DATA SHEET**  
IN ACCORDANCE WITH 91/155/EEC

**1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY:**

**OKM DESMOLD F**

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17742 AVINYONET DE PUIGVENTÓS GIRONA (SPAIN)

IN CASE OF EMERGENCY: Tel. +49-551-19240

**2. PRODUCT COMPOSITION/INFORMATION ON INGREDIENTS:**

**Chemical characterization** (preparation).  
Dispersion of waxes in a mixture of solvents

**Hazardous components:**

CAS-Nº	Chemical Name	Value	Classification (substance)
64742 49			
0	Naphta (Petroleum), hydrotreated, light	80-85%	F, N, Xi, Xn R11-38-65-67-51-53
64742-82-1	Naphta (Petroleum), hydrodesulfurized, heavy	10-15%	Xn, N R10-65-66-67-51-53

**3. HAZARDS IDENTIFICATION:**

**Characterization of hazards**

R11- Highly flammable.

R38- Irritating to skin.

R65- Harmful: may cause lung damage if swallowed.

R67- Vapours may cause drowsiness and dizziness.

**Explication of special hazards for human health and environment**

In use, may form flammable/explosive vapour-air mixture.

Take precautionary measures against static discharge.

Solvents may degrease the skin.

High concentration of vapours may cause irritation to eyes and respiratory system and procedure narcotic effects.

Risk of product entering the lungs on vomiting after ingestion.

Aspiration may cause pulmonary oedema and pneumonitis.

**4. FIRST AID RECOMMENDATIONS:**

**General information:**

Remove from exposure, lie down.

Take off all contaminated clothing immediately.

If symptoms persist, call a physician.

**After inhalation:**

Move to fresh air.

If victim is unconscious but breathing: Victim to lie down in the recovery position, cover and keep him warm.

Consult a physician if necessary

Show this safety data sheet to the doctor in attendance.

**After contact with skin:**

Wash off with soap and water.  
Preventive skin protection.

**After contact with eyes:**

Rinse immediately with plenty of water for at least 15 minutes.  
If eye irritation persists, consult a specialist.

**After ingestion:**

Do not induce vomiting.  
Consult a physician.

**Advice to doctor.**

Risk of product entering the lungs on vomiting after ingestion.  
Aspiration may cause pulmonary oedema and pneumonitis.  
In case of ingestion, the stomach should be emptied by gastric lavage under qualified medical supervision.

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**5. FIRE-FIGHT PROCEDURES:**

**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Sand, foam, dry chemical, carbon dioxide (CO<sub>2</sub>)

**Extinguishing media that must not be used for safety reasons:** Do not use a solid water stream as it may scatter and spread fire.

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**6. ACCIDENTAL RELEASE MEASURES:**

**Personal precautions**

Handle in accordance with good industrial hygiene and safety practice.  
Remove all sources of ignition. Do not smoke.  
Do not breathe vapours or spray mist.  
Ensure adequate ventilation.

**Environmental precautions**

Do not flush into surface water or sanitary sewer system.  
Dispose of as special waste in compliance with the Control of Pollution (Special Waste) Regulations 1980.  
Contact the proper local authorities.

**Methods for cleaning up/taking up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

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**7. HANDLING AND STORAGE:**

7.1 handling

**Advice on safe handling**

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Provide appropriate exhaust

ventilation at machinery. When using, do not eat, drink or smoke.

**Advice on protection against fire and explosion**

Take precautionary measures against static discharges. Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded.

Keep product and empty container away from heat and sources of ignition. Do not smoke.

Vapours may form explosive mixture with air.

Vapours are heavier than air and may spread along floors.

Electrical equipment should be protected to the appropriate standard.

Fire fighting equipment on the basis of class B.

**7.2 Storage**

**Requirements for storage rooms and vessels**

Keep container tightly closed in a dry and well ventilated place.

**Advice on storage compatibility**

Stable under recommended storage conditions.

Incompatible with oxidising agents.

**Further information on storage conditions**

Can be stored for 6 months.

Store at room temperature in the original container.

Do not store outside. Avoid heating and direct sunlight.

See also instructions on the label.

**Storageclass (VCI) :**

3 A

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION:**

**8.1 Additional advice on system design**

Provide appropriate exhaust ventilation at machinery. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn. (gas filter type A )

**8.2. Advices on limits**

Exposures limites (EH40)

CAS-Nº	Substance	Origin	ml/m3	mg/m3	F/ml	Category
142-82-5	n-Heptane	OES	-	-		TWA (8h)
		OES	-	-		STEL (15 min)

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**8.3 Personal protective equipment**

**Respiratory protection**

Ensure adequate ventilation, especially in confined areas.

**Hand protection**

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non allergic contact dermatitis and absorption through the skin.

protective gloves : Neoprene gloves, nitrile rubber

preventive skin protection

**Eye protection**

safety glasses with side shields

**Body protection**

lightweight protective clothing

**Protective and hygiene measures**

When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety

practice.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES:

TEST:

### 9. Physical and chemical properties

#### 9.1 Appearance

Form :liquid

Colour :white

Odour :characteristic

#### 9.2 Safety related data

##### Test method

pH Value :not applicable

##### Changes in the physical state

Boiling point : > 100,0 C

Literary reference

Flash point : < 21 C

EN ISO 13736

##### Flammability

Ignition temperature : > 200 C

Literary reference

##### Explosive properties

In use, may form flammable/explosive vapour air mixture.

Lower explosion limits : 0,7 Vol. %

Literary reference

Upper explosion limits : 7,0 Vol. %

Vapour pressure (20 C) : < 48 hPa

Literary reference

Vapour pressure (50 C) : < 190 hPa

Literary reference

Density : 0,740 g/cm

DIN 51757

Water solubility : < 0,1 g/l

Literary reference

Further solvents : miscible with most organic solvents

Partition coefficient : no data available

Viscosity / kinematic : < 7 mm /s

EN ISO 2431 (3 mm)

Flow time : < 15 s (4 mm)

EN ISO 2431 (4 mm)

##### Solvent separation test

not applicable

#### 9.3 Further information

None known

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## 10. STABILITY AND REACTIVITY:

### Conditions to avoid

none under normal use

### Materials to avoid

None under normal processing.

### Hazardous decomposition products

No decomposition if stored normally

Additional information

None known

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## 11. TOXICOLOGICAL INFORMATION:

Acute toxicity:

LD50/oral/rat=>2000 mg/kg

LD50/dermal/rat =>2000 mg/kg

LC50/inhalation/4h/rat=>20 mg/l

The toxicological data has been taken from products of similar composition. (in accordance with the Chemicals (Hazard information and Packaging for Supply) Regulations 1994. No data is available on the product itself.

Description of possible hazardous to health effects is based on experience and/or toxicological characteristics of several components.

Inhalation of vapors in high concentration can cause narcotic effects and metabolic acidosis.

Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing.

Contact with eyes may cause irritation.

Solvents may degrease the skin.

Health injuries are not known or expected under normal use.

Chronic toxicity:

Health injuries are not known or expected under normal use.

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## 12. ECOLOGICAL INFORMATION:

Information on elimination (persistence and degradability)

Persistence and degradability: No information available

No data is available on the product itself

Behaviour in environmental compartments

Mobility: No information available

Bioaccumulation: No information available

No data is available on the product itself

The product evaporates readily.

The product is insoluble and floats on water.

Ecotoxic effects

Toxicity to fish:

LC50/96h/guppy= 1mg/l <LC50<10mg/l

EC50/72h/algae= 1mg/l <EC50<10 mg/l

EC50/48h/daphnia=1mg/l<EC50<10 mg/l

The toxicological data has been taken from products of similar composition. (in accordance with the chemicals (hazard information and packaging for Supply) Regulations 1994. No data is available on the product itself.

Information given is based on data on the components and the ecotoxicology of similar products. Ecological injuries are not known or expected under normal use. Product does not contain any organic halogens.

Additional information

Water contaminating

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## 13. DISPOSAL CONSIDERATIONS:

Dispose:

Do not flush into surface water or sanitary sewer system

If recycling is not practicable, dispose of in compliance with the Environmental Protection (Duty of Care) Regulations 1991.

The relation of waste codes according to EWC has to be realized by branch and process.

Contact the proper local authorities.

**Waste disposal number waste from residues / unused products :**

070204

WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man made fibres; other organic solvents, washing liquids and mother liquors

Classified as hazardous waste.

**Waste disposal number used product :**

070204

WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man made fibres; other organic solvents, washing liquids and mother liquors

Classified as hazardous waste.

**Waste disposal number contaminated packaging :**

150110

WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances

Classified as hazardous waste.

**Contaminated packaging**

Offer rinsed packaging material to local recycling facilities.

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**14. TRANSPORT INFORMATION:**

**LAND TRANSPORT**

**ADR/RID:** 3

Warnings plate:

Hazard-no: 33

UN Number: 1268

Hazard label: 3

ADR/RID packaging grup: II

Description of the goods:

Petroleum products, n.o.s. (Naphta, light)

Steam pressure at 50°C maximum 110kPa

Remarks:

Maximum permissible total quantity per unit of carriage according to subsection 1.1.3.6 ADR/RID: 333 kg.

Factor out of category of carriage (=2) to calculate the quantity por unit of carriage: 3.

Limited quantities according to chapter 3.4 ADR/RID: liquids not more than 3 litre(s) pr inner packaging and not more than 12 litre(s) per package.

EMPTY PACKAGINGS, uncleaned, 3, ADR

**MARINE TRANSPORT**

IMDG-Code: 3

UN- Number: 1268

EMS: 3-07

Marine pollutant: ----

IMDG- Packaging group: II

Description of the goods

Petroleum products, N.O.S.

Hazard label: 3

**AIR TRANSPORT**

ICAO/IATA-DGR: 3

UN/ID number: 1268

Hazard label: 3

IATA-Packing instructions-passenger: 305/Y305

IATA-max. quantity-passenger: 5/1 L

IATA-packing instructions-cargo: 307

IATA-max quantity-cargo: 60 L

ICAO-packaging group: II

Description of the goods  
Petroleum products, N.O.S.

Remarks  
ERG Code: 3L

Airmail: prohibited.  
The valid ICAO/IATA Dangerous Goods Regulations (Chapter 2.4) and the conventions of the Universal Postal Union as well as the clauses of the relevant National Postal Administration have to be observed.

#### FURTHER INFORMATION

Postal and courier services:

Postal service (national):

The general conditions of business of the particular courier service have to be observed.

### 15. REGULATORY INFORMATION:

#### 15.1. Labelling.

Indication of danger: F-Highly flammable; Xn- Harmful

Labelling according to EU-guidelines: Directive 88/379/EC

Hazardous components to be indicated on label

Naphta (Petroleum), hydrotreated, light

Naphta (Petroleum), hydrodesulfurized, heavy

R phrases:

11-38-65-67

Highly flammable

Irritating to skin

Harmful: may cause lung damage if swallowed

Vapours may cause drowsiness and dizziness.

S phrases:

09-16-23-24-29-33-43-62

Keep container in a well-ventilated place.

Keep away from sources of ignition- No smoking

Do not breathe spray

Avoid contact with skin

Do not empty into drains.

Take precautionary measures against static discharges.

In case of fire, use sand, dry chemical or alcohol-resistant foam. Never use water.

If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label

Additional information

The product is classified and labelled in accordance with the CHIPS Regulations 1994.

Annex I of EC Directive 67/548/EC:

Nota H is valid: Self classification of ingredients with not listed properties (94/69/EC).

Nota P is valid: The classification as carcinogenic (R45) is not valid, when it is proved, that ingredients contain less than 0,1wt. % Benzene (94/69/EC).

Nota 4 is valid: Preparations containing these substances have to be classified as harmful with R 65 if they meet the criteria in section 3.2.3 in Annex VI (98/98/EC).

#### 15.2 National regulations

Water contaminating class :

2 water contaminating

Classification :

**Additional information**

None

### 16. OTHER INFORMATION:

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. The receiver of our product is singularly responsible for adhering to existing laws and regulations. All descriptions are approximate values, they are not specified for construction of specifications. Use this product only for intended purpose in accordance with our product informations. All data have been taken from relevant legal lists of substances and manufacturer s information of included raw material in each case.

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THE INFORMATION CONTAINED IN THIS SAFETY DATA SHEET IS ACCURATE TO THE BEST OF OUR KNOWLEDGE AND IT IS NOT MEANT TO GUARANTEE SPECIFIC PROPERTIES OF THE PRODUCT.

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