



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU

## OPN-Separating Oil Concentrate SF 20®

Version number: 3.0  
Revision: 17.07.2023

Date of compilation: 09.04.2018

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1	Product identifier	
	Trade name	OPN-Separating Oil Concentrate SF 20®
	Unique formula identifier (UFI)	E050-H0TD-700P-6R5K
	Other means of identification	
	Article number	65270
	Tariff No	38109090
1.2	Relevant identified uses of the substance or mixture and uses advised against	
	Relevant identified uses	Industrial use Professional use Consumer use (private households)
	Sector of use	Concentrate for release agents
	Uses advised against	Do not use for products which come into contact with foodstuffs
1.3	Details of the supplier of the safety data sheet	
	OPN-CHEMIE GmbH In der Au 14 57290 Neunkirchen	
	www.opn-chemie.de	
	Competent person responsible for the safety data sheet	Barbara Angelika Gros-Petri
	e-mail (competent person)	baerbel.petri@opn-chemie.de
1.4	Emergency telephone number	
	Emergency information service	Poison Information Center Freiburg +49(0)761/19240

### SECTION 2: Hazards identification

2.1	Classification of the substance or mixture	
	Classification according to Regulation (EC) No 1272/2008 (CLP)	
	This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.	
2.2	Label elements	
	Labelling according to Regulation (EC) No 1272/2008 (CLP)	
	not required	
2.3	Other hazards	
	Results of PBT and vPvB assessment	
	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.	
	Endocrine disrupting properties	
	Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$ .	

### SECTION 3: Composition/information on ingredients

3.1	Substances	
	Not relevant (mixture).	
3.2	Mixtures	
	Description of the mixture	Mixture of substances listed below with nonhazardous additions
	This product does not meet the criteria for classification in any hazard class according to GHS	

### SECTION 4: First aid measures

4.1	Description of first aid measures	
	General notes	
	Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.	
	Following inhalation	
	If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.	
	Following skin contact	
	Wash with plenty of soap and water.	
	Following eye contact	
	Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.	

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Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

### SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray. BC-powder. Carbon dioxide (CO<sub>2</sub>).

Unsuitable extinguishing media

Water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NO<sub>x</sub>).

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

### SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains.

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). collect spillage

sawdust

kieselgur (diatomite)

sand

universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

### SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

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- 7.2 Conditions for safe storage, including any incompatibilities  
Managing of associated risks  
Storage class (LGK)  
12
- 7.3 Specific end use(s)  
No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters  
National limit values

Occupational exposure limit values (Workplace Exposure Limits)								
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Source
DE	Rape oil	8002-13-9	AGW		5		20	TRGS 900

Notation

STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

- 8.2 Exposure controls  
Appropriate engineering controls  
General ventilation.  
Individual protection measures (personal protective equipment)  
Eye/face protection  
Use protective eyewear to guard against splash of liquids.  
Skin protection  
Hand protection  
Wear suitable gloves.  
Other protection measures  
Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.  
Respiratory protection  
Operate if possible out of doors or in a well-ventilated place.  
Environmental exposure controls  
Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

### SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- |   |                    |
|---|--------------------|
| Physical state                          | Liquid             |
| Colour                                  | Blue               |
| Odour                                   | Product specific   |
| Initial boiling point and boiling range | >350 °C            |
| Flammability (solid, gas)               | non-combustible    |
| Explosive limits                        | Not determined     |
| Flash point                             |                    |
| Auto-ignition temperature               | 370 °C             |
| Water solubility                        | Soluble            |
| Vapour pressure                         | Not determined     |
| Density                                 | 0,91 g/ml at 20 °C |
- 9.2 Other information  
Other safety characteristics  
There is no additional information

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### SECTION 10: Stability and reactivity

- 10.1 Reactivity  
Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".
- 10.2 Chemical stability  
The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
- 10.3 Possibility of hazardous reactions  
No known hazardous reactions.
- 10.4 Conditions to avoid  
There are no specific conditions known which have to be avoided.  
Physical stresses which might result in a hazardous situation and have to be avoided  
High temperatures.
- 10.5 Incompatible materials  
There is no additional information.
- 10.6 Hazardous decomposition products  
Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

### SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008  
Test data are not available for the complete mixture.  
Classification procedure  
The method for classification of the mixture is based on ingredients of the mixture (additivity formula).  
Classification according to GHS (1272/2008/EC, CLP)  
This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.
- Acute toxicity  
Shall not be classified as acutely toxic.
- Skin corrosion/irritation  
Shall not be classified as corrosive/irritant to skin.
- Serious eye damage/eye irritation  
Shall not be classified as seriously damaging to the eye or eye irritant.
- Respiratory or skin sensitisation  
Shall not be classified as a respiratory or skin sensitiser.
- Germ cell mutagenicity  
Shall not be classified as germ cell mutagenic.
- Carcinogenicity  
Shall not be classified as carcinogenic.
- Reproductive toxicity  
Shall not be classified as a reproductive toxicant.
- Specific target organ toxicity - single exposure  
Shall not be classified as a specific target organ toxicant (single exposure).
  - Specific target organ toxicity - repeated exposure  
Shall not be classified as a specific target organ toxicant (repeated exposure).
- Aspiration hazard  
Shall not be classified as presenting an aspiration hazard.
- 11.2 Information on other hazards  
There is no additional information.

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### SECTION 12: Ecological information

#### 12.1 Toxicity

Ordinance on systems for handling water-polluting substances (Ordinance on facilities for handling substances hazardous to water) (AwSV): WGK (Germany) 1, slightly hazardous to water

#### 12.2 Persistence and degradability

Data are not available.

#### 12.3 Bioaccumulative potential

Data are not available.

#### 12.4 Mobility in soil

Data are not available.

#### 12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance in a concentration of  $\geq 0,1\%$ .

#### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of  $\geq 0,1\%$ .

#### 12.7 Other adverse effects

Data are not available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

### SECTION 14: Transport information

#### 14.1 UN number or ID number

Not subject to transport regulations

#### 14.2 UN proper shipping name

Not relevant

#### 14.3 Transport hazard class(es)

None

#### 14.4 Packing group

Not assigned

#### 14.5 Environmental hazards

Non-environmentally hazardous acc. to the dangerous goods regulations

#### 14.6 Special precautions for user

There is no additional information.

#### 14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

#### Information for each of the UN Model Regulations

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) Additional information

Not subject to ADR, RID and ADN.

International Maritime Dangerous Goods Code (IMDG) Additional information

Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR) Additional information

Not subject to ICAO-IATA.

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### SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture  
Relevant provisions of the European Union (EU)  
List of substances subject to authorisation (REACH, Annex XIV)/SVHC - candidate list  
none of the ingredients are listed  
Industrial Emissions Directive (IED)  
VOC content 0 %  
Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)  
none of the ingredients are listed  
Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)  
none of the ingredients are listed  
Water Framework Directive (WFD)  
none of the ingredients are listed  
Regulation on persistent organic pollutants (POP)  
none of the ingredients are listed  
National regulations (Germany)  
Ordinance on systems for handling water-polluting substances (Ordinance on facilities for handling substances hazardous to water)(AwSV)  
Water hazard class 1 (slightly hazardous to water)  
Technical instructions on air quality control (Germany)

Number	Group of substances	Class	Conc.	Mass flow	Mass concentration	Notation
5.2.5	Organic substances		≥ 25 wt%	0,5 kg/h	50 mg/m <sup>3</sup>	3)

Notation

- 3) A total mass flow of 0.50 kg/h or a total mass concentration of 50 mg/m<sup>3</sup>, each of which to be indicated as total carbon, shall not be exceeded (except organic particulate matter)

Storage of hazardous substances in non-stationary containers (TRGS 510) (Germany)

Storage class (LGK) 12 (Non-combustible liquids)

- 15.2 Chemical safety assessment  
Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

- 16.2 Abbreviations and acronyms
- ADN Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways).
  - ADR Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road).
  - AGW Workplace exposure limit.
  - CAS Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances).
  - CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
  - DGR Dangerous Goods Regulations (see IATA/DGR).
  - GHS "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations.
  - IATA International Air Transport Association.
  - IATA/DGR Dangerous Goods Regulations (DGR) for the air transport (IATA).
  - ICAO International Civil Aviation Organization.
  - IMDG International Maritime Dangerous Goods Code.
  - LGK Lagerklasse (storage class according to TRGS 510, Germany).
  - PBT Persistent, Bioaccumulative and Toxic.
  - Ppm Parts per million.
  - REACH Registration, Evaluation, Authorisation and Restriction of Chemicals.
  - RID Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the international carriage of Dangerous goods by Rail).
  - STEL Short-term exposure limit.
  - SVHC Substance of Very High Concern.
  - TRGS Technische Regeln für Gefahrstoffe (technical rules for hazardous substances, Germany).
  - TRGS 900 Arbeitsplatzgrenzwerte (TRGS 900).
  - TWA Time-weighted average.
  - VOC Volatile Organic Compounds.
  - VPvB Very Persistent and very Bioaccumulative.

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### 16.3 Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.  
Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN).

International Maritime Dangerous Goods Code (IMDG).

Dangerous Goods Regulations (DGR) for the air transport (IATA).

### 16.4 Classification procedure

Physical and chemical properties. The classification is based on tested mixture.

Health hazards. The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.