



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU

## OPN-Separating Oil Concentrate SF 20®

Version number: 1.0  
Revision: 09.04.2018

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®**  
**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  
Sector of use Concentrate for release agents  
Uses advised against consumer use (private households)  
Do not use for products that are intended for contact with food - exclude food contact.
- 1.3 Details of the supplier of the safety data sheet**  
OPN-CHEMIE OTTO PETRI GMBH  
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D-57290 Neunkirchen/Germany  
Tel.: +49 (0) 2735 / 7725-0 Fax: +49 (0) 2735 / 7725-90  
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- 1.4 24 hours Emergency telephone number:**  
Vergiftungs-Informations-Zentrale Freiburg +49 (0) 761 / 192 40

### 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**  
There is no additional information.

### 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

### 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 action. 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.
- 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

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### 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

#### 5.3 Advice for firefighters

Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Wear fully protective suit. Wear self-contained breathing apparatus.

### 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

##### Advices on how to contain a spill

Covering of drains.

##### Advices 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.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

##### Recommendations

##### • Measures to prevent fire as well as aerosol and dust generation

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.

#### 7.2 Conditions for safe storage, including any incompatibilities

#### 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)

No information available.

#### 8.2 Exposure controls

##### Appropriate engineering controls

General ventilation.

##### Individual protection measures (personal protective equipment)

##### Eye/face protection

By designated use no eye protection necessary. Do not spray in eyes.

##### Skin protection

By designated use no hand protection necessary.

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### • hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374.

### • type of material

IIR: isobutene-isoprene (butyl) rubber

### • material thickness

> 0,7 mm.

### • other protection measures

Take recovery periods for skin regeneration Preventive skin protection (barrier creams/ointments) is recommended Wash hands thoroughly after handling.

### Respiratory protection

By designated use no protection necessary Apply outdoors or well ventilated areas.

### Environmental exposure controls

Use appropriate container to avoid environmental contamination.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Physical state	liquid
Colour	blue
Odour	product specific

#### Other physical and chemical parameters

Initial boiling point and boiling range	>350 °C
Flash point	
Evaporation rate	Not determined
Flammability (solid, gas)	not relevant (fluid)
Explosive limits	not determined
Vapour pressure	not determined
Density	0,909 – 0,918/ml
Water solubility	soluble
n-octanol/water (log KOW)	This information is not available.
Auto-ignition temperature	370 °C
Viscosity	not determined
Explosive properties	none
Oxidising properties	none

### 9.2 Other information

Solvent content	0 %
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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

See below "Conditions to avoid".

### 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

oxidisers

### 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.

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

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.

##### Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant.

##### Specific target organ toxicity (STOT)

Shall not be classified as a specific target organ toxicant.

##### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

### SECTION 12: Ecological information

#### 12.1 Toxicity

Wassergefährdungsklasse, WGK (water hazard class) (WGKGermany): 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

Data are not available.

#### 12.6 Other adverse effects

Data are not available.

##### Endocrine disrupting potential

None of the ingredients are listed.

### 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/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### 13.2 Relevant provisions relating to waste

##### List of wastes

not assigned

#### 13.3 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.

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### SECTION 14: Transport information

14.1	UN number	(not subject to transport regulations)
14.2	UN proper shipping name	not relevant
14.3	Transport hazard class(es) Class	-
14.4	Packing group	not relevant
14.5	Environmental hazards	none (non-environmentally hazardous acc. to the dangerous goods regulations)
14.6	Special precautions for user	There is no additional information.
14.7	Transport in bulk according to Annex II of MARPOL and the IBC Code	The cargo is not intended to be carried in bulk.

### 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)

###### • Restrictions according to REACH, Annex XVII

None of the ingredients are listed.

###### • List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

None of the ingredients are listed.

###### • Limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products (2004/42/EC, Deco-Paint Directive)

VOC content 0 %  
0 g/l

###### • Directive on industrial emissions (VOCs, 2010/75/EU)

VOC content 0 %

###### • Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

None of the ingredients are listed.

##### National regulations (Germany)

###### • Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (Ordinance on facilities for handling substances hazardous to water) (AwSV)

Wassergefährdungsklasse, WGK (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.

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### SECTION 16: Other information

#### Abbreviations and acronyms

ADR.	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road).
CLP.	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
CMR.	Carcinogenic, Mutagenic or toxic for Reproduction.
GHS.	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations.
LGK.	Lagerklasse (storage class according to TRGS 510, Germany).
MARPOL.	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant").
PBT.	Persistent, Bioaccumulative and Toxic.
REACH.	Registration, Evaluation, Authorisation and Restriction of Chemicals.
SVHC.	Substance of Very High Concern.
TRGS.	Technische Regeln für Gefahrstoffe (technical rules for hazardous substances, Germany).
VOC.	Volatile Organic Compounds.
VPvB.	Very Persistent and very Bioaccumulative.

#### Key literature references and sources for data

- Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU
- Regulation (EC) No. 1272/2008 (CLP, EU GHS)

#### 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).

#### List of relevant phrases (code and full text as stated in chapter 2 and 3)

#### Disclaimer

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