



# Safety Data Sheet

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

## OPN-UF 2001® Weld Separating Agent CLEAR

Version number: 2.0  
Revision: 26.04.2023

Date of compilation: 26.01.2018

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

- 1.1 Product identifier  
Trade name OPN-UF 2001® Weld Separating Agent CLEAR  
Unique formula identifier (UFI) 5PET-G50F-1006-SVR0  
Other means of identification  
Alternative name(s)  
Article number 65153
- 1.2 Relevant identified uses of the substance or mixture and uses advised against  
Relevant identified uses Industrial use  
Professional use  
Sector of use Cleaning agent  
Uses advised against Do not use for products which come into contact with foodstuffs.  
Do not use for private purposes (household).
- 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)

Section	Hazard class	Hazard class and category	Hazard statement
3.3	Serious eye damage/eye irritation	Eye Dam. 1	H318

Remarks

For full text of abbreviations: see SECTION 16

- 2.2 Label elements  
Labelling according to Regulation (EC) No 1272/2008 (CLP)

Signal word Danger

Pictograms

GHS05



Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P102 Keep out of reach of children.  
P280 Wear protective gloves/eye protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P311 IF exposed or concerned: Call a doctor.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P501 Dispose of contents / container in accordance with national regulations of the disposal.

Hazardous ingredients for labelling Isotridecanol, ethoxylated

# Safety Data Sheet

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

## OPN-UF 2001® Weld Separating Agent CLEAR

Version number: 2.0  
Revision: 26.04.2023

Date of compilation: 26.01.2018

- 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

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Isotridecanol, ethoxylated	CAS No 69011-36-5  EC No 500-241-6  REACH Reg. No 01-2119976362- 32-xxxx	10 – < 25	Acute Tox. 4 / H302 Eye Dam. 1 / H318	

Name of substance	Specific Conc. Limits	M-Factors	ATE	Exposure route
Isotridecanol, ethoxylated	-	-	500 mg/kg	Oral

- 3.3 Remarks  
For full text of abbreviations: see SECTION 16

### 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.  
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

# Safety Data Sheet

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

## OPN-UF 2001® Weld Separating Agent CLEAR

Version number: 2.0  
Revision: 26.04.2023

Date of compilation: 26.01.2018

### 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  
Carbon monoxide (CO). Carbon dioxide (CO<sub>2</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.
- 7.2 Conditions for safe storage, including any incompatibilities  
Managing of associated risks  
Storage class (LGK)  
10  
Control of effects  
Protect against external exposure, such as  
frost
- 7.3 Specific end use(s)  
No further relevant information available.

# Safety Data Sheet

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

## OPN-UF 2001® Weld Separating Agent CLEAR

Version number: 2.0  
Revision: 26.04.2023

Date of compilation: 26.01.2018

### SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters  
National limit values  
Occupational exposure limit values (Workplace Exposure Limits)  
this information is not available  
Relevant DNELs/DMELs/PNECs and other threshold levels  
Relevant DNELs of components of the mixture

Relevant DNELs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Isotridecanol, ethoxylated	69011-36-5	DNEL	294 mg/m <sup>3</sup>	Human, inhalatory	Worker (industry)	Chronic - systemic effects
Isotridecanol, ethoxylated	69011-36-5	DNEL	2.080 mg/kg	Human, dermal	Worker (industry)	Chronic - systemic effects

Relevant PNECs of components of the mixture

Relevant PNECs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Isotridecanol, ethoxylated	69011-36-5	PNEC	0,074 mg/l	Aquatic organisms	Freshwater	Short-term (single instance)
Isotridecanol, ethoxylated	69011-36-5	PNEC	0,007 mg/l	Aquatic organisms	Marine water	Short-term (single instance)
Isotridecanol, ethoxylated	69011-36-5	PNEC	0,015 mg/l	Aquatic organisms	Water	Intermittent release
Isotridecanol, ethoxylated	69011-36-5	PNEC	1,4 mg/l	Aquatic organisms	Sewage treatment plant (STP)	Short-term (single instance)
Isotridecanol, ethoxylated	69011-36-5	PNEC	0,604 mg/kg	Aquatic organisms	Freshwater sediment	Short-term (single instance)
Isotridecanol, ethoxylated	69011-36-5	PNEC	0,06 mg/kg	Aquatic organisms	Marine sediment	Short-term (single instance)
Isotridecanol, ethoxylated	69011-36-5	PNEC	0,1 mg/kg	Terrestrial organisms	Soil	Short-term (single instance)

- 8.2 Exposure controls  
Appropriate engineering controls  
General ventilation.  
Individual protection measures (personal protective equipment)  
Eye/face protection  
Do not spray in eyes. If required use tight-fitting goggles.  
Skin protection  
Hand protection  
Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374.  
Type of material  
NBR: acrylonitrile-butadiene rubber.  
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. In case of inadequate ventilation wear respiratory protection. Type: A-P2 (combined filters against particles and organic gases and vapours, colour code: Brown/White).

# Safety Data Sheet

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

## OPN-UF 2001® Weld Separating Agent CLEAR

Version number: 2.0  
Revision: 26.04.2023

Date of compilation: 26.01.2018

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	Colourless
	Odour	Odourless
	Initial boiling point and boiling range	100 °C at 1,013 bar
	Flammability (solid, gas)	this material is combustible, but will not ignite readily
	Explosive limits	Not determined
	Flash point	
	Auto-ignition temperature	360 °C
	Water solubility	Insoluble
	Vapour pressure	<0,1 hPa at 20 °C
	Density	1 g/ml
9.2	Other information	
	Other safety characteristics	There is no additional information

### 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.

### 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)
	Acute toxicity
	Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components of the mixture			
Name of substance	CAS No	Exposure route	ATE
Isotridecanol, ethoxylated	69011-36-5	Oral	500 mg/kg

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Causes serious eye damage.

# Safety Data Sheet

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

## OPN-UF 2001® Weld Separating Agent CLEAR

Version number: 2.0  
Revision: 26.04.2023

Date of compilation: 26.01.2018

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.

## 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.

# Safety Data Sheet

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

## OPN-UF 2001® Weld Separating Agent CLEAR

Version number: 2.0  
Revision: 26.04.2023

Date of compilation: 26.01.2018

### 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.

### 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
- 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		10 – < 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) 10 (Combustible liquids)

National inventories

Country	Inventory	Status
EU	REACH Reg.	All ingredients are listed

#### Legend

REACH Reg. REACH registered substances

# Safety Data Sheet

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

## OPN-UF 2001® Weld Separating Agent CLEAR

Version number: 2.0  
Revision: 26.04.2023

Date of compilation: 26.01.2018

### 15.2 Chemical safety assessment

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

## SECTION 16: Other information

### 16.1 Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
1.1		Unique formula identifier (UFI): 5PET-G50F-1006-SVR0	Yes
1.2	Relevant identified uses: industrial use professional use consumer use (private households)	Relevant identified uses: Industrial use Professional use	Yes
2.3		Results of PBT and vPvB assessment: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.	Yes
2.3		Endocrine disrupting properties: Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$ .	Yes
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.	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.	Yes
16.3	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)	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).	Yes

### 16.2 Abbreviations and acronyms

Acute Tox.	Acute toxicity.
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).
ATE	Acute Toxicity Estimate.
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).
DMEL	Derived Minimal Effect Level.
DNEL	Derived No-Effect Level.
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union).
EINECS	European Inventory of Existing Commercial Chemical Substances.
ELINCS	European List of Notified Chemical Substances.
Eye Dam.	Seriously damaging to the eye.
Eye Irrit.	Irritant to the eye.
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).
NLP	No-Longer Polymer.
PBT	Persistent, Bioaccumulative and Toxic.
PNEC	Predicted No-Effect Concentration.
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals.

# Safety Data Sheet

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

## OPN-UF 2001® Weld Separating Agent CLEAR

Version number: 2.0  
Revision: 26.04.2023

Date of compilation: 26.01.2018

---

RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail).
SVHC	Substance of Very High Concern.
TRGS	Technische Regeln für Gefahrstoffe (technical rules for hazardous substances, Germany).
VPvB	Very Persistent and very Bioaccumulative.

### 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).

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

H302 Harmful if swallowed.  
H318 Causes serious eye damage.

#### Disclaimer

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