

# neodisher IP Spray

Version: 3 / GB

Replaces Version: 2 / GB

Date revised: 14.06.2021

Print date: 20.01.23

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

### 1.1. Product identifier

neodisher IP Spray

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Identified Uses

PC14

Metal surface treatment products, including galvanic and electroplating products

### 1.3. Details of the supplier of the safety data sheet

#### Address:

Chemische Fabrik Dr. Weigert GmbH & Co. KG

Mühlenhagen 85

D-20539 Hamburg

Telephone no. +49 40 789 60 0

Fax no. +49 40 789 60 120

www.drweigert.com

#### E-mail address of person responsible for this SDS:

sida@drweigert.de

### 1.4. Emergency telephone number

Emergency telephone number: 112

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Aerosol 1 H222

STOT SE 3 H336

Aquatic Chronic 2 H411

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal word

Danger

#### Hazard statements

H222

Extremely flammable aerosol.

H229

Pressurized container: may burst if heated.

H336

May cause drowsiness or dizziness.

H411

Toxic to aquatic life with long lasting effects.

# neodisher IP Spray

Version: 3 / GB

Replaces Version: 2 / GB

Date revised: 14.06.2021

Print date: 20.01.23

## Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Dispose only when container is empty and closed. For disposal of product residues, refer to safety data sheet.

## Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains aliphatic hydrocarbons, C5-C6

## 2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients

##### fatty alcohols, ethoxylated

CAS No.	68920-66-1				
EINECS no.	500-236-9				
Concentration	>=	1	<	10	%
Classification (Regulation (EC) No. 1272/2008)					
	Skin Irrit. 2			H315	
	Aquatic Acute 1			H400	
	Aquatic Chronic 3			H412	

##### aliphatic hydrocarbons, C5-C6

CAS No.	64742-49-0				
EINECS no.	931-254-9				
Registration no.	01-2119484651-34				
Concentration	>=	25	<	50	%
Classification (Regulation (EC) No. 1272/2008)					
	Flam. Liq. 2			H225	
	Skin Irrit. 2			H315	
	STOT SE 3			H336	
	Asp. Tox. 1			H304	
	Aquatic Chronic 2			H411	

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note P

##### propane

CAS No.	74-98-6				
EINECS no.	200-827-9				
Concentration	<	30			%
Classification (Regulation (EC) No. 1272/2008)					
	Flam. Gas 1			H220	
	Press. Gas				

# neodisher IP Spray

Version: 3 / GB

Replaces Version: 2 / GB

Date revised: 14.06.2021

Print date: 20.01.23

## Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note U

### Butane

CAS No. 106-97-8

EINECS no. 203-448-7

Concentration < 30 %

Classification (Regulation (EC) No. 1272/2008)

Flam. Gas 1 H220

Press. Gas

## Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note C, U

### paraffin oil

CAS No. 8042-47-5

EINECS no. 232-455-8

Registration no. 01-2119487078-27

Concentration >= 10 < 25 %

Classification (Regulation (EC) No. 1272/2008)

Asp. Tox. 1 H304

## Other information

Complete text of hazard statements in chapter 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated clothing immediately and dispose of safely. In case of persistent symptoms consult doctor.

#### After inhalation

Ensure supply of fresh air.

#### After skin contact

No special measures required.

#### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical advice immediately.

#### After ingestion

No special measures required.

### 4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

### 4.3. Indication of any immediate medical attention and special treatment needed

#### Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Dry powder, Water spray jet, Foam

# neodisher IP Spray

Version: 3 / GB

Replaces Version: 2 / GB

Date revised: 14.06.2021

Print date: 20.01.23

## Non suitable extinguishing media

Compatible with all usual extinguishing media.

## 5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible. If a fire breaks out nearby, pressure build-up and danger of bursting are possible.

## 5.3. Advice for firefighters

### Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus. Wear full protective suit.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Keep away sources of ignition. Ensure adequate ventilation. Use personal protective clothing.

### 6.2. Environmental precautions

Do not discharge into the subsoil/soil.

### 6.3. Methods and material for containment and cleaning up

Pick up rest with suitable absorbent materials. Dispose of as prescribed.

### 6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid impact, friction and electro-static loading; risk of ignition!. Provide good room ventilation even at ground level (vapours are heavier than air).

#### Advice on protection against fire and explosion

Keep away from sources of heat and ignition. No smoking. Take action to prevent static discharges.

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

#### Recommended storage temperature

Value > 5 < 30 °C

#### Requirements for storage rooms and vessels

No special measures required.

#### Storage classes

Storage class according to TRGS 510 2B Aerosol dispensers

#### Further information on storage conditions

Keep container tightly closed. Keep container in a well-ventilated place. Keep in a cool place

### 7.3. Specific end use(s)

no data

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit values

# neodisher IP Spray

Version: 3 / GB

Replaces Version: 2 / GB

Date revised: 14.06.2021

Print date: 20.01.23

<b>pentane</b>					
List	EH40				
Type	WEL				
Value	1800	mg/m <sup>3</sup>	600	ppm(V)	
<b>pentane</b>					
List	IOELV				
Type	IOELV				
Value	3000	mg/m <sup>3</sup>	1000	ppm(V)	
<b>Butane</b>					
List	EH40				
Type	WEL				
Value	1450	mg/m <sup>3</sup>	600	ppm(V)	
Short term exposure limit	1810	mg/m <sup>3</sup>	750	ppm(V)	
Remarks:	Carc if >= 0,1% buta-1,3-diene				

## Other information

There are not known any further control parameters.

## 8.2. Exposure controls

### General protective and hygiene measures

Do not smoke during work time. Do not inhale gases/vapours/aerosols. Do not eat or drink during work time. Storage of foodstuffs in work rooms is forbidden. Take off immediately all contaminated clothing. Wash hands before breaks and after work.

### Respiratory protection

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Short term: filter apparatus, filter AX

### Hand protection

Not necessary.

### Eye protection

Safety glasses with side protection shield; Eye protection must comply with EN 166.

### Body protection

Clothing as usual in the chemical industry.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Aerosol
<b>Colour</b>	colourless
<b>Odour</b>	characteristic
<b>Melting point</b>	
Remarks	not determined
<b>Freezing point</b>	
Remarks	not determined
<b>Boiling point or initial boiling point and boiling range</b>	
Remarks	not determined
<b>Flammability</b>	
evaluation	not determined
<b>Upper and lower explosive limits</b>	
Remarks	not determined
<b>Flash point</b>	
Remarks	Not applicable

# neodisher IP Spray

Version: 3 / GB

Replaces Version: 2 / GB

Date revised: 14.06.2021

Print date: 20.01.23

## Ignition temperature

Remarks not determined

## Decomposition temperature

Remarks

Remarks not determined

## pH value

Remarks Not applicable

## Viscosity

Remarks not determined

## Solubility(ies)

Remarks not determined

## Partition coefficient n-octanol/water (log value)

Remarks not determined

## Vapour pressure

Remarks not determined

## Density and/or relative density

Value 0,86 g/cm<sup>3</sup>

Temperature 20 °C

## Relative vapour density

Remarks not determined

## 9.2. Other information

### Odour threshold

Remarks not determined

### Evaporation rate (ether = 1) :

Remarks not determined

### Solubility in water

Remarks slightly soluble

### Explosive properties

evaluation not determined

### Oxidising properties

evaluation None known

### Other information

None known

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

### 10.2. Chemical stability

No hazardous reactions known.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known.

### 10.4. Conditions to avoid

Protect from heat and direct sunlight. Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

# neodisher IP Spray

Version: 3 / GB

Replaces Version: 2 / GB

Date revised: 14.06.2021

Print date: 20.01.23

## 10.5. Incompatible materials

Oxidising agents

## 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity

Species	rat
LD50	> 2000 mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)

#### Acute dermal toxicity

Remarks Based on available data, the classification criteria are not met.

#### Acute inhalational toxicity

Remarks Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

evaluation slightly irritant

#### Serious eye damage/irritation

Remarks Based on available data, the classification criteria are not met.

#### Sensitization

Remarks Based on available data, the classification criteria are not met.

#### Subacute, subchronic, chronic toxicity

Remarks Based on available data, the classification criteria are not met.

#### Mutagenicity

Remarks Based on available data, the classification criteria are not met.

#### Reproductive toxicity

Remarks Based on available data, the classification criteria are not met.

#### Carcinogenicity

Remarks Based on available data, the classification criteria are not met.

#### Specific Target Organ Toxicity (STOT)

evaluation May cause drowsiness or dizziness.

#### Aspiration hazard

No special hazards have to be mentioned.

### 11.2 Information on other hazards

#### Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

#### Other information

There is no data available on the product apart from the information given in this subsection.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### General information

not determined

# neodisher IP Spray

Version: 3 / GB

Replaces Version: 2 / GB

Date revised: 14.06.2021

Print date: 20.01.23

## Fish toxicity (Components)

### fatty alcohols, ethoxylated

Species	zebra fish (Brachydanio rerio)			
LC50	10	to	100	mg/l
Duration of exposure	96	h		
Method	OECD 203			

### aliphatic hydrocarbons, C5-C6

Species	Fathead minnow (Pimephales promelas)			
LC50	2,5			mg/l
Duration of exposure	96	h		

## Bacteria toxicity (Components)

### fatty alcohols, ethoxylated

Species	activated sludge			
EC50	>	1000	mg/l	
Method	OECD 209			

## 12.2. Persistence and degradability

### General information

not determined

## 12.3. Bioaccumulative potential

### General information

not determined

### Partition coefficient n-octanol/water (log value)

Remarks not determined

## 12.4. Mobility in soil

### General information

not determined

## 12.5. Results of PBT and vPvB assessment

### General information

not determined

### Results of PBT and vPvB assessment

The product contains no PBT or vPvB substances.

## 12.6 Endocrine disrupting properties

### Endocrine disrupting properties with respect to the environment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

## 12.7. Other adverse effects

### General information

not determined

### General information / ecology

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Do not discharge product unmonitored into the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods



# neodisher IP Spray

Version: 3 / GB

Replaces Version: 2 / GB

Date revised: 14.06.2021

Print date: 20.01.23




## Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

## Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

## SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	D		
14.1. UN number or ID number	1950	1950	1950
14.2. UN proper shipping name	AEROSOLS, flammable	AEROSOLS, flammable	Aerosols, flammable
14.3. Transport hazard class(es)	2	2.1	2.1
Label			
Limited Quantity	1 I	1 I	
Transport category	2		
14.5. Environmental hazards		no	

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Major-accident categories acc. 2012/18/EU

Category P3a FLAMMABLE AEROSOLS 150 tonne s 500 tonne s

#### VOC

VOC (EU) 0 %

#### Other information

The product does not contain substances of very high concern (SVHC).

### 15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification (Regulation (EC) No. 1272/2008)

# neodisher IP Spray

Version: 3 / GB

Replaces Version: 2 / GB

Date revised: 14.06.2021

Print date: 20.01.23

Aerosol 1	H222
STOT SE 3	H336
Aquatic Chronic 2	H411

## Hazard statements listed in Chapter 2/3

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

## CLP categories listed in Chapter 2/3

Aerosol 1	Aerosol, Category 1
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Gas 1	Flammable gas, Category 1
Flam. Liq. 2	Flammable liquid, Category 2
Press. Gas	Gases under pressure
Skin Irrit. 2	Skin irritation, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

## Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses  
IMDG: International Maritime Code for Dangerous Goods  
ICAO: International Civil Aviation Organization  
IATA: International Air Transport Association  
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 (MARPOL: Marine Pollution)  
IBC: Intermediate Bulk Container  
CAS: Chemical Abstracts Service  
TSCA: Toxic Substances Control Act (USA)  
VOC: Volatile Organic Compound  
OEL: Occupational exposure limit  
ISO: International Organization for Standardization  
LD: Lethal dose  
LC: Lethal concentration  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very persistent and very bioaccumulative  
SVHC: Substances of very high concern  
IUCLID: International Uniform Chemical Information Database  
OECD: Organisation for Economic Co-operation and Development  
IMO: International Maritime Organization  
WHO: World Health Organization  
GHS: Globally Harmonized System of classification and Labelling of Chemicals  
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals  
UN: United Nations

## Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

# neodisher IP Spray

Version: 3 / GB

Replaces Version: 2 / GB

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