

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## 50 026 - Diluent N

Article No.	---	Issue date:	23.08.23
Version	6 ( 25.05.23 )	Page	1 / 9

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

#### 1.1 Product identifier

Trade name 50 026 - Diluent N  
REACH registration No. ---  
UFI UFI: QYHF-44Y6-S00P-FNVD

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

General use Products for creation of art.

Uses advised against ---

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

H. Schmincke & Co. GmbH & Co. KG  
Otto-Hahn-Strasse 2  
D-40699 Erkrath  
Tel +49 (0) 211 - 2509 - 0  
Fax +49 (0) 211 - 2509 - 479  
info@schmincke.de  
www.schmincke.de  
Schmincke-lab:  
mo-th 8.00-16.30, fr 8.00-13.30  
tel. +49 (0) 211-2509-474  
sdb@schmincke.de

#### 1.4 Emergency telephone number

Emergencycall Berlin  
+49 30-30686700  
(24/7 counseling in german and english)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to EC regulation 1272/2008 (CLP)

Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.  
Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.  
Flam. Liq. 3; H226 Flammable liquid and vapour.

#### 2.2 Label elements

##### Labelling



Signal word Danger

##### Hazard statements

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H412 Harmful to aquatic life with long lasting effects.

##### Safety precautions

P102 Keep out of reach of children.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## 50 026 - Diluent N

Article No.	---	Issue date:	23.08.23
Version	6 ( 25.05.23 )	Page	2 / 9

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/..  
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/or shower.

### Text for labelling (CLP)

Repeated exposure may cause skin dryness or cracking. (EUH066)

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

#### Chemical characterisation

isoparaffinic hydrocarbon mixture

CAS-Number ---  
EINECS / ELINCS / NLP ---  
EU index number ---  
REACH registration No. ---  
Hazchem-Code ---  
CI-Number ---

### 3.2 Mixtures

#### Substance 1

2,2,4,6,6-pentamethylheptane: 50 - 100 %  
CAS: 13475-82-6  
REACH: 01-2119490725-xxx

Aquatic Chronic 4; H413 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226

#### Substance 2

hydrocarbons, C10-C12, isoalkanes, <2% aromatics: 10 - 25 %  
CAS: 64741-65-7  
REACH: 01-2119471991-xxxx

Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226

#### Additional information

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

If you feel unwell, seek medical advice (show the label where possible).

#### In case of inhalation

Provide fresh air. Seek medical attention if problems persist.

#### In case of skin contact

Remove residues with soap and water. In case of skin irritation, consult a physician.

#### After eye contact

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 10 - 15 minutes. Seek medical attention if irritation persists.

#### After swallowing

Rinse mouth with water. Do NOT induce vomiting. Immediately get medical attention.

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

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## 50 026 - Diluent N

Article No.	---	Issue date:	23.08.23
Version	6 ( 25.05.23 )	Page	3 / 9

---

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

Caution if victim vomits: Risk of aspiration!

## SECTION 5: Firefighting measures

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

#### **Extinguishing media which must not be used for safety reasons**

strong water jet

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

In case of fire may be liberated: Carbon monoxide and carbon dioxide

### **5.3 Advice for firefighters**

#### **Special protective equipment for firefighters**

Use appropriate respiratory protection.

#### **Additional information**

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## SECTION 6: Accidental release measures

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

Avoid contact with skin, eyes, and clothing.

### **6.2 environmental precautions**

Discharge into the environment must be avoided.

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

#### **Methods for cleaning up**

Collect spilled material using paper towels and dispose.

#### **Additional information**

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### **6.4 Reference to other sections**

Dispose of waste according to applicable legislation.

## SECTION 7: Handling and storage

### **7.1 Precautions for safe handling**

#### **Advices on safe handling**

Handle in accordance with good industrial hygiene and safety practice.

#### **Precautions against fire and explosion**

No special measures are required.

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

#### **Requirements for storerooms and containers**

Keep container tightly closed.

#### **Hints on joint storage**

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#### **Storage class**

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#### **Further details**

Protect from frost and exposure to sun.

### **7.3 Specific end use(s)**

No special measures necessary if stored and handled as prescribed.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## 50 026 - Diluent N

Article No.	---	Issue date:	23.08.23
Version	6 ( 25.05.23 )	Page	4/ 9

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

#### 8.2 Exposure controls

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#### Occupational exposure controls

##### Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.  
Respiratory protection must be worn whenever the WEL levels have been exceeded.  
Use filter type A (= against vapours of organic substances) Combination filtering device (EN 14387)

##### Hand protection

Qualified materials: Nitrile rubber  
Layer thickness > 0,4 mm  
Breakthrough time > 480 min  
Ultranitril 492 - MAPA GmbH, Industriestraße 21- 25, D-27404 Zeven, Internet: [www.mapa-pro.de](http://www.mapa-pro.de)  
All information was derived in accordance with EU directive 89/686/EEG and the resultant EN 374 in cooperation with MAPA GmbH. This recommendation applies exclusively to the product and use named in Section 1. In the event of commingling or deviating conditions, contact the suppliers of CE-approved gloves. This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided.

##### Eye protection

Goggles

##### Body protection

Wear suitable protective clothing.

##### General protection and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

### SECTION 9: Physical and chemical properties

#### 9.1 information on basic physical and chemical properties

Form	liquid
Colour	---
Odour	weak aromatic

	min	max		
Melting point/freezing point	---	---		
Initial boiling point and boiling range	172 °C	178 °C		
Flammability		---		
Explosion limits	0,6	7 Vol%		
Flash point/flash point range	46 °C	46 °C		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	1,75 mm <sup>2</sup> /s	1,75 mm <sup>2</sup> /s	20 °C	---
Solubility		---	---	---
Partition coefficient: n-octanol/water		---		
Vapour pressure		---		---
Density and/or relative density		0,75 g/ml	20 °C	---
Relative vapour density	---	---	---	---
Auto-ignition temperature	---	---	---	---
Refraction index	---	---	---	---

Danger of explosion

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#### 9.2 Other information

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## 50 026 - Diluent N

Article No.	---	Issue date:	23.08.23
Version	6 ( 25.05.23 )	Page	5/ 9

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Product is stable under normal storage conditions.

#### 10.2 Chemical stability

Product is stable under normal storage conditions.

#### 10.3 Possibility of hazardous reactions

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#### 10.4 Conditions to avoid

Protect from frost and exposure to sun.

#### 10.5 Incompatible materials

strong oxidizing agents

#### 10.6 Hazardous decomposition products

Hazardous vapours may form during fires.

### SECTION 11: Toxicological information

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

##### Toxicological tests

13475-82-6 2,2,4,6,6-pentamethylheptane

oral	LD50	Rat	>	5000,00000	mg/kg	-
dermal	LD50	Rabbit	>	5000,00000	mg/kg	-

##### Toxicological tests

00-000-00 hydrocarbons, C10-C12, isoalkanes, <2% aromatics

oral	LD50	Rat	>	5000,00000	mg/kg	-
inhalative	LC50	Rat	>	5,00000	mg/L	(8h)
dermal	LD50	Rat	>	5000,00000	mg/kg	-

##### Toxicokinetics, metabolism and distribution

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##### Acute toxicity

There are no data available on the preparation/mixture itself.

##### In case of inhalation

There are no data available on the preparation/mixture itself.

##### After swallowing

There are no data available on the preparation/mixture itself.

##### In case of skin contact

There are no data available on the preparation/mixture itself.

##### After eye contact

There are no data available on the preparation/mixture itself.

#### Practical experience

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#### General remarks

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#### 11.2 Information on other hazards

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# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## 50 026 - Diluent N

Article No.	---	Issue date:	23.08.23
Version	6	Page	6 / 9
	( 25.05.23 )		

### SECTION 12: Ecological information

#### 12.1 Toxicity

##### Aquatic toxicity

No data available

**Water Hazard Class** 2

**WGK catalog number** ---

##### General information

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#### 12.2 Persistence and degradability

##### Further details

Product is partially biodegradable.

##### Oxygen demand

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#### 12.3 Bioaccumulative potential

##### Bioconcentration factor (BCF)

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##### Partition coefficient: n-octanol/water

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#### 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

No data available

#### 12.6 Endocrine disrupting properties

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#### 12.7 Other adverse effects

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Product

##### Waste key number

080111 Waste paint and varnish containing organic solvents or other dangerous substances

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##### Recommendation

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##### Package

##### Waste key number

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##### Recommendation

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

##### Additional information

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# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## 50 026 - Diluent N

Article No.	---	Issue date:	23.08.23
Version	6	Page	7 / 9
	( 25.05.23 )		

### SECTION 14: Transport information

#### 14.1 UN number or ID number

1263

#### 14.2 UN proper shipping name

ADR, ADN Paint related material  
IMDG, IATA PAINT RELATED MATERIAL

#### 14.3 Transport hazard class(es)

ADR, ADN 3  
IMDG 3  
IATA 3

#### 14.4 Packing group

III

#### 14.5 Environmental hazards

Marine Pollutant - IMDG No  
Marine Pollutant - ADN ---

#### 14.6 Special precautions for user

##### Land transport (ADR/RID)

Code: ADR/RID F1  
Kemmler-number 30  
Hazard label ADR 3  
Limited quantities 5L  
Package: Instructions P001 - IBC03 - LP01 - R001  
Package: Special Provisions PP1  
Special provisions for packing together MP19  
Portable tanks: Instructions T2  
Portable tanks: Special Provisions TP1 - TP29  
Tank coding LGBF  
Tunnel restriction D/E  
Remarks ---  
EQ E1  
Special Provisions 163 - 367 - 650

##### Sea transport (IMDG)

EmS F-E, S-E  
Special Provisions 163 - 223 - 367 - 955  
Limited quantities 5L  
Package: Instructions P001 - LP01  
Package: Special Provisions PP1  
IBC: Instructions IBC03  
IBC: Provisions -  
Tank instructions IMO -  
Tank instructions UN T2  
Tank instructions Special Provisions TP1 - TP29  
Stowage and segregation category A  
Properties and observations ---  
Remarks ---  
EQ E1

##### Air transport (IATA-DGR)

Hazard Flammable Liquid  
Passenger 355 (60L)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## 50 026 - Diluent N

Article No.	---	Issue date:	23.08.23
Version	6 ( 25.05.23 )	Page	8 / 9

Passenger LQ	Y344 (10L)
Cargo	366 (220L)
ERG	3L
Remarks	---
EQ	E1
Special Provisioning	A192

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

No data available

## SECTION 15: Regulatory information

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

#### National regulations

##### Europe

Contents of VOC [%]	---
Contents of VOC [g/L]	---
Further regulations, limitations and legal requirements	---

##### Germany

Storage class	---
Water Hazard Class	2
WGK catalog number	---
Incident regulation	---
Information on working limitations	---
Further regulations, limitations and legal requirements	---

##### Switzerland

Contents of VOC [%]	100 %
Further regulations, limitations and legal requirements	---

##### USA

Further regulations, limitations and legal requirements	---
Federal Regulations	---
State Regulations	---

##### Canada

Further regulations, limitations and legal requirements	---
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### 15.2 Chemical Safety Assessment

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## SECTION 16: Other information

#### Further information

Hazard statements (CLP)	H226 Flammable liquid and vapour.
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# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## 50 026 - Diluent N

Article No.	---	Issue date:	23.08.23
Version	6 ( 25.05.23 )	Page	9/ 9

H304 May be fatal if swallowed and enters airways.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.  
H413 May cause long lasting harmful effects to aquatic life.  
EUH066 Repeated exposure may cause skin dryness or cracking.

### Further information

This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept an liability for damage arising in connection with the use of our products.

### Literature

REGULATION (EU) 2021/849 - ATP 17

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

### Reason of change

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### Additional information

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