

# SAFETY DATA SHEET

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

## 50 026 - Diluent N

Article No.  
Version 5 ( 08.02.18 )

Issue date: 08.02.18  
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name 50 026 - Diluent N

#### 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-Str. 2  
D - 40699 Erkrath  
Tel. +49 (0) 211-2509-0  
Fax. +49 (0) 211-2509-497  
info@schmincke.de  
www.schmincke.de

Dept. responsible for information  
Schmincke-lab:  
mo-th 8.00-16.30, fr 8.00-13.30  
Tel. +49 (0) 211-2509-474  
labor@schmincke.de

#### 1.4 Emergency telephone number

Emergency  
Information  
Phone #

Emergencycall Berlin  
(24h - counseling in german and english)  
+49 (0) 30-30686700

### 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 (CLP)



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.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P273 Avoid release to the environment.

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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.

### 2.3 Other hazards

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

Customs tariff number

REACH registration No.

RTECS-no.

Hazchem-Code

CI-Number

### 3.2 Mixtures

#### Substance 1

hydrocarbons, C4-, butadien-free: 50 - 100 %

CAS: 93685-81-5

REACH: 01-2119490725-xxx

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

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

## 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

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

Caution if victim vomits: Risk of aspiration!

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### 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**

### 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**

#### **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.

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

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

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

##### **Storage class**

##### **Further details**

Protect from frost and exposure to sun.

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

### SECTION 8: Exposure controls/personal protection

#### **8.1 Control parameters**

#### **8.2 Exposure controls**

##### **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**

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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

All information was derived in accordance with EU directive 89/686/EWG 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
Initial boiling point and boiling range	172 °C	178 °C

Melting point/freezing point

Flash point/flash point range	46 °C	46 °C
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Flammability

Ignition temperature

Auto-ignition temperature

Explosion limits	0,6	7 Vol%
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Refraction index

Partition coefficient: n-octanol/water

Danger of explosion

Vapour pressure

Density	0,75 g/ml	20 °C
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PH value

Viscosity dynamic of

Viscosity dynamic up to

Viscosity kinematic of	1,75	20 °C
	mm <sup>2</sup> /s	

Viscosity kinematic up to	1,75	20 °C
	mm <sup>2</sup> /s	

### 9.2 Other information

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Product is stable under normal storage conditions.

### 10.2 Chemical stability

### 10.3 Possibility of hazardous reactions

### 10.4 Conditions to avoid

Protect from frost and exposure to sun.

### 10.5 Incompatible materials

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strong oxidizing agents

### **10.6 Hazardous decomposition products**

Hazardous vapours may form during fires.

oral	LD50	Rat		5000,000	Maximum dose (mg/kg):	LD50
inhalative	LC50	Rat		5000,000	mg/m <sup>3</sup>	LC50

## SECTION 11: Toxicological information

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

No data available

#### **In case of inhalation**

No data available

#### **After swallowing**

No data available

#### **In case of skin contact**

No data available

#### **After eye contact**

No data available

### **Practical experience**

### **General remarks**

### **Toxicological tests**

not required	Daphnia magna		0,025	not required	21 Tage
not required	Daphnia magna		1000,000	not required	48 Stunden

## SECTION 12: Ecological information

### **12.1 Toxicity**

#### **Aquatic toxicity**

No data available

#### **Water Hazard Class**

2

#### **WGK catalog number**

#### **General information**

### **12.2 Persistence and degradability**

#### **Further details**

Product is partially biodegradable.

#### **Oxygen demand**

### **12.3 Bioaccumulative potential**

#### **Bioconcentration factor (BCF)**

Partition coefficient: n-octanol/water

### **12.4 Mobility in soil**

No data available

### **12.5 Results of PBT and vPvB assessment**

No data available

### **12.6 Other adverse effects**

#### **General information**

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### Ecotoxicological effects

## 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

**Recommendation**

#### Contaminated packaging

**Waste key number**

**Recommendation**  
Non-contaminated packages may be recycled.

#### Additional information

## SECTION 14: Transport information

### 14.1 UN 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

**Code: ADR/RID** F1  
**Kemmler-number** 30  
**Hazard label ADR** 3  
**Limited quantities** 5L  
**Contaminated packaging: Instructions** P001 - IBC03 - LP01 - R001  
**Contaminated packaging: 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

#### Inland waterway craft

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Hazard label  
Limited quantities  
Transport permitted  
Equipment necessary  
Ventilation  
Remarks  
EQ  
Special provisions

### Sea transport

EmS	F-E, S-E
Special provisions	163 - 223 - 367 - 955
Limited quantities	5L
Contaminated packaging: Instructions	P001 - LP01
Contaminated packaging: 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

Hazard	Flammable Liquid
Passenger	355 (60L)
Passenger LQ	Y344 (10L)
Cargo	366 (220L)
ERG	3L
Remarks	
EQ	E1
Special Provisioning	A192

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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

##### Denmark

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Further regulations, limitations and legal requirements

### Hungary

Further regulations, limitations and legal requirements

### Great Britain

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

### Japan

Further regulations, limitations and legal requirements

### Canada

Further regulations, limitations and legal requirements

## 15.2 Chemical Safety Assessment

## SECTION 16: Other information

### Further information

**Hazard statements (CLP)**

H226 Flammable liquid and vapour.  
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**

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**

### **Additional information**

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.