

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

**50 060 - Varnish remover**

Article No. 3 ( 09.09.15 )  
Version

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

**1.1 Product identifier**

Trade name 50 060 - Varnish remover

**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  
  
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) 30-30686790**

## 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.  
Eye Irrit. 2; H319 Causes serious eye irritation.  
Flam. Liq. 2; H225 Highly flammable liquid and vapour.  
STOT RE 1; H372 Causes damage to organs through prolonged or repeated exposure.  
STOT SE 3; H336 May cause drowsiness or dizziness.

**2.2 Label elements****Labelling (CLP)****Signal word**

Danger

**Hazard statements**

H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H412 Harmful to aquatic life with long lasting effects.

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**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.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
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/..  
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

**2.3 Other hazards**

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

**SECTION 3: Composition / information on ingredients****3.1 Substances****Chemical characterization**

Alcohol  
White spirit  
ketone  
natural oils  
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**

acetone: 20 - 30 %  
CAS-Number: 67-64-1  
REACH registration No.: 01-2119471330-49-xxxx  
Classification according to EC regulation 1272/2008 (CLP):  
Eye Irrit. 2; H319 / Flam. Liq. 2; H225 / STOT SE 3;  
H336 / EUH066

**Substance 3**

ethanol: 10 - 20 %  
CAS-Number: 64-17-5  
Classification according to EC regulation 1272/2008 (CLP):  
Flam. Liq. 2; H225

**Substance 5**

4-hydroxy-4-methylpentan-2-one: < 10 %

**Substance 2**

propan-2-ol: 20 - 30 %  
CAS-Number: 67-63-0  
REACH registration No.: 01-2119457558-25  
Classification according to EC regulation 1272/2008 (CLP):  
Eye Irrit. 2; H319 / Flam. Liq. 2; H225 / STOT SE 3;  
H336

**Substance 4**

naphtha (petroleum), hydrodesulphurized heavy: 10 - 20 %  
REACH registration No.: 01-2119458049-33-xxxx  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / STOT RE 1; H372 / STOT SE 3; H336 / EUH066

**Substance 6**

2-methylpropan-1-ol: < 0,5 %

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CAS-Number: 123-42-2  
 REACH registration No.: 01-2119473975-21-XXXX

CAS-Number: 78-83-1

Classification according to EC regulation 1272/2008 (CLP):  
 Eye Irrit. 2; H319 / Flam. Liq. 3; H226

Classification according to EC regulation 1272/2008 (CLP):  
 Eye Irrit. 2; H319 / Flam. Liq. 3; H226 / STOT SE 3;  
 H335 / STOT SE 3; H336 / Skin Irrit. 2; H315

**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!

**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

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**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**

67-64-1 acetone

DEU	WEL	1.200,000	mg/m <sup>3</sup>	2 (I); DFG; EU
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67-63-0 propan-2-ol

DEU	WEL	200,000	mL/m <sup>3</sup>	-
DEU	WEL	500,000	mg/m <sup>3</sup>	2(II); DFG; Y

64-17-5 ethanol

DEU	WEL	500,000	mL/m <sup>3</sup>	-
DEU	WEL	960,000	mg/m <sup>3</sup>	2(II); DGF; Y
USA	PEL (US)	1.000,000	ppm	8h (long term)
USA	PEL (US)	1.900,000	mg/m <sup>3</sup>	8h (long term)

naphtha (petroleum), hydrodesulphurized heavy

DEU	WEL	300,000	mg/kg	-
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123-42-2 4-hydroxy-4-methylpentan-2-one

DEU	WEL	20,000	mL/m <sup>3</sup>	-
DEU	WEL	96,000	mg/m <sup>3</sup>	2(I); DGF; H
USA	PEL (US)	50,000	ppm	(8h long term)
USA	PEL (US)	240,000	mg/m <sup>3</sup>	(8h long term)

78-83-1 2-methylpropan-1-ol

D	WEL	310,000	mg/m <sup>3</sup>	-
D	WEL	100,000	mL/m <sup>3</sup>	1(I); DGF; Y

**8.2 Exposure controls****Occupational exposure controls****Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required.

**Hand protection**

Protective gloves

Qualified materials: Nitrile rubber

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

**Eye protection**

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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**

<b>Physical state</b>	liquid		
<b>Colour</b>	clear		
<b>Odour</b>	solvents		
		<b>min</b>	<b>max</b>
<b>Initial boiling point and boiling range</b>			
<b>Melting point/freezing point</b>			
<b>Flash point/flash point range</b>		4 °C	4 °C
<b>Flammability</b>			
<b>Ignition temperature</b>			
<b>Auto-ignition temperature</b>			
<b>Explosion limits</b>			
<b>Refraction index</b>			
<b>Partition coefficient: n-octanol/water</b>			
<b>Explosive properties</b>			
<b>Vapour pressure</b>			
<b>Density</b>	0,82 g/ml		20 °C
<b>PH value</b>			
<b>Viscosity dynamic of</b>			
<b>Viscosity dynamic up to</b>			
<b>Viscosity kinematic of</b>	0		0
<b>Viscosity kinematic up to</b>	0		0

**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**

strong oxidizing agents

**10.6 Hazardous decomposition products**

Hazardous vapours may form during fires.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity**

No data available

**In case of inhalation**

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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**

67-64-1 acetone

oral	LD50	Rat		5800,000	mg/kg	-
dermal	LD50	Rat		20000,000	mg/kg	-

**Toxicological tests**

67-63-0 propan-2-ol

oral	LD50	Rat		5050,000	mg/kg	-
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**Toxicological tests**

64-17-5 ethanol

oral	LD50	Rat		5000,000	mg/kg	-
inhalative	LC50	Rat		1800,000	mg/L	4h
dermal	LD50	Rabbit		10000,000	mg/kg	-

**Toxicological tests**

naphtha (petroleum), hydrodesulphurized heavy

oral	LD50	Rat		2000,000	mg/kg	-
dermal	LD50	Rat		2000,000	mg/kg	-

**Toxicological tests**

123-42-2 4-hydroxy-4-methylpentan-2-one

oral	LD50	Rat		4000,000	mg/kg	-
dermal	LD50	Rabbit		13500,000	mg/kg	-

**Toxicological tests**

78-83-1 2-methylpropan-1-ol

oral	LD50	Rat		2190,000	mg/kg	-
dermal	LD50	Rat		2000,000	mg/kg	-

**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity**

No data available

**Water Hazard Class** 2**WGK catalog number** 039-0200

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**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****Ecotoxicological effects**

67-64-1 acetone

not required	EC50	Algae		7200,000	mg/L	96h
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**Ecotoxicological effects**

67-63-0 propan-2-ol

not required	LC50	fish		1000,000	mg/L	(96h)
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**Ecotoxicological effects**

64-17-5 ethanol

not required	LC50	fish		8150,000	mg/L	48h
not required	EC50	Daphnia magna		14221,000	mg/L	48h

**Ecotoxicological effects**

naphtha (petroleum), hydrodesulphurized heavy

not required	LC50	fish		10,000	mg/L	-
not required	EC50	Algae		10,000	mg/L	-

**Ecotoxicological effects**

123-42-2 4-hydroxy-4-methylpentan-2-one

not required	LC50	fish		420,000	mg/L	(96 h)
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**Ecotoxicological effects**

78-83-1 2-methylpropan-1-ol

not required	LC50	fish		3670,000	mg/L	96h
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**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

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**Product**

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**Waste key number**

080111

080111\* waste paint and varnish containing organic solvents or other dangerous substances

**Recommendation****Contaminated packaging****Waste key number****Recommendation****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 or PAINT RELATED MATERIAL

**14.3 Transport hazard class(es)****ADR, ADN**

3

**IMDG**

3

**IATA**

3

**14.4 Packing group**

II

**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**

33

**Hazard label ADR**

3

**Limited quantities**

5L

**Contaminated packaging: Instructions**

P001 - IBC02 - R001

**Contaminated packaging: Special provisions**

PP1

**Special provisions for packing together**

MP19

**Portable tanks: Instructions**

T4

**Portable tanks: Special provisions**

TP1 - TP8 - TP28

**Tank coding**

LGBF

**Tunnel restriction**

D/E

**Remarks****EQ**

E2

**Special provisions**

163 - 367 - 640D - 650

**Inland waterway craft****Hazard label****Limited quantities****Transport permitted****Equipment necessary****Ventilation****Remarks****EQ****Special provisions****Sea transport**

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<b>EmS</b>	F-E, S-E
<b>Special provisions</b>	163 - 367
<b>Limited quantities</b>	5L
<b>Contaminated packaging: Instructions</b>	P001
<b>Contaminated packaging: Special provisions</b>	PP1
<b>IBC: Instructions</b>	IBC02
<b>IBC: Provisions</b>	-
<b>Tank instructions IMO</b>	-
<b>Tank instructions UN</b>	T4
<b>Tank instructions Special provisions</b>	TP1 - TP8 - TP28
<b>Stowage and segregation</b>	category B
<b>Properties and observations</b>	
<b>Remarks</b>	
<b>EQ</b>	E2

**Air transport**

<b>Hazard</b>	Flammable Liquid
<b>Passenger</b>	353 (5L)
<b>Passenger LQ</b>	Y341 (1L)
<b>Cargo</b>	364 (60L)
<b>ERG</b>	3L
<b>Remarks</b>	
<b>EQ</b>	E2
<b>Special Provisioning</b>	A72

**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**

**Further regulations, limitations and legal requirements**

**Hungary**

**Further regulations, limitations and legal requirements**

**Great Britain**

**Further regulations, limitations and legal requirements**

**Switzerland**

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**Contents of VOC [%]**

~ 82 %

**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)**

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

**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.

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