

SAFETY DATA SHEET
according to 1907/2006/EC, Article 31 Revision date: 24.02.2017

1- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product details

Trade name: Hollow Section Wax

Article number: 26740

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

Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC9a Coatings and paints, thinners, paint removers

Process category

PROC7 Industrial spraying

PROC11 Non industrial spraying

Environmental release category

ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)

ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

Intended use: Car refinishing Product/Anticorrosion additive

Manufacturer/Supplier: Chamäleon GmbH

Rudolf-Diesel-Straße, 8a, 69115 Heidelberg -- Germany

Further information obtainable from: Product Safety Department

Information in case of emergency: + 49 70024112112 (CH)

2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02



GHS07



GHS09

Signal word Danger

Hazard-determining components of labelling:

Naphtha (petroleum), hydrotreated light

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.

P260 Do not breathe spray.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P251 Do not pierce or burn, even after use.

P211 Do not spray on an open flame or other ignition source.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local regulations.

Additional information:

Contains Calcium sulfonate. May produce an allergic reaction.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3- COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
EC number: 921-024-6 Reg.nr.: 01-2119475514-35	Naphtha (petroleum), hydrotreated light	20-25%
	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 Skin Irrit. 2, H315; STOT SE 3, H336	
EC number: 919-446-0 Reg.nr.: 01-2119458049-33-xxxx	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	20-25%
	Flam. Liq. 3, H226 STOT RE 1, H372; Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H336	
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21-xxxx	propane	12.5-20%
	Flam. Gas 1, H220 Press. Gas C, H280	
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32-xxxx	butane	5-10%
	Flam. Gas 1, H220 Press. Gas C, H280	
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27-xxxx	isobutane	5-10%
	Flam. Gas 1, H220 Press. Gas C, H280	
CAS: 61789-86-4 EINECS: 263-093-9 Reg.nr.: 01-2119488992-18-xxxx	Calcium sulfonate	2.5-5%
	Skin Sens. 1, H317	
EC number: 919-857-5 Reg.nr.: 01-2119463258-33-xxxx	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	2.5-5%
	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336	

Additional information: For the wording of the listed hazard phrases refer to section 16.

4- FIRST AID MEASURES

Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.

Most important symptoms and effects, both acute and delayed No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5- FIRE - FIGHTING MEASURE

Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

Special hazards arising from the substance or mixture No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required.

6- ACCIDENTAL RELEASE MEASURE

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Keep away from ignition sources.

Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up: Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7- HANDLING AND STORAGE

Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection:

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

Information about storage in one common storage facility: Not required

Further information about storage conditions: Protect from heat and direct sunlight.

Specific end use(s) No further relevant information available.

8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace:	
106-97-8 butane	
WEL	Short-term value: 1810 mg/m ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)

Additional information: The lists valid during the making were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Respiratory protection: Not required.

Protection of hands: Not required.

Material of gloves Not required.

Penetration time of glove material Not required.

Eye protection: Not required

9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties	
General Information	
Appearance:	
Form:	<i>Aerosol</i>
Colour:	<i>Whitish</i>
Odour:	<i>Solvent-like</i>
Odour threshold:	<i>Not determined.</i>
pH-value:	<i>Not determined.</i>
Change in condition	
Melting point/Melting range:	<i>Undetermined.</i>
Boiling point/Boiling range:	<i>Not applicable, as aerosol</i>
Flash point:	<i><0 °C (<32 °F) Not applicable, as aerosol.</i>
Flammability (solid, gaseous):	<i>Not applicable.</i>
Ignition temperature:	<i>> 200 °C (> 392 °F)</i>
Decomposition temperature:	<i>Not determined.</i>
Self-igniting:	<i>Product is not selfigniting.</i>
Danger of explosion:	<i>Product is not explosive. However, formation of explosive air/vapour mixtures are possible.</i>
Explosion limits:	
Lower:	<i>0.6 Vol %</i>
Upper:	<i>10.9 Vol %</i>
Vapour pressure at 20 °C (68 °F):	<i>3500 hPa (2625 mm Hg)</i>
Density at 20 °C (68 °F):	<i>0.702 g/cm³ (5.858 lbs/gal)</i>
Relative density	<i>Not determined.</i>
Vapour density	<i>Not determined.</i>
Evaporation rate	<i>Not applicable.</i>
Solubility in / Miscibility with water:	<i>Not miscible or difficult to mix.</i>
Partition coefficient (n-octanol/water):	<i>Not determined.</i>
Viscosity:	
Dynamic:	<i>Not determined.</i>
Kinematic:	<i>Not determined.</i>
Solvent content:	
Organic solvents:	<i>79.4 %</i>
EU-VOC:	<i>557.6 g/l</i>
EU-VOC in %:	<i>79.44 %</i>
Solids content:	<i>20.0 %</i>
Other information	<i>No further relevant information available.</i>

10- STABILITY AND REACTIVITY

Reactivity No further relevant information available.

Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

11- TOXICOLOGICAL INFORMATION

Information on toxicological effects

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

LD/LC50 values relevant for classification:		
Naphtha (petroleum), hydrotreated light		
Oral	LD50	>5840 mg/kg (rat)
Dermal	LD50	>2920 mg/kg (rabbit)
Inhalative	LC50 / 4h	> 2 mg/l (rat)
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	3400 mg/kg (rabbit)
Inhalative	LC50 / 4h	13100 mg/m3 (rat)
106-97-8 butane		
Inhalative	LC50 / 4h	658000 mg/m3 (rat)
61789-86-4 Calcium sulfonate		
Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics		
Oral	LD50	>15000 mg/kg (rat)
Dermal	LD50	>3160 mg/kg (rab)
Inhalative	LC50 / 4h	4951 mg/m3 (rat)

Primary irritant effect:

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

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

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

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure Based on available data, the classification criteria are not met.

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

12 – ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity:	
Naphtha (petroleum), hydrotreated light	
EC50 / 48 h	3 mg/l (Daphnia magna)
EC50 / 72 h	30-100 mg/l (Pseudokirchneriella Subcapitata)
LC50 / 96 h	11.4 mg/l (fish)
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	
EC50 / 48 h	10-22 mg/l (daphnia magna)
EC50 / 72 h	4.6-10 mg/l (algae)
LC50 / 96 h	10-30 mg/l (fish)
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	
EC50 / 48 h	>1000 mg/l (algae)
EC50 / 72 h	>1000 mg/l (daphnia magna)
LC50 / 96 h	>1000 mg/l (fish)

Persistence and degradability No further relevant information available.

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Ecotoxicological effects:

Remark: Toxic for fish

Additional ecological information:

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

13- DISPOSAL CONSIDERATION

Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue	
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
15 01 04	metallic packaging

Uncleaned packaging:

Recommendation: Non contaminated packagings may be recycled.

14- TRANSPORT INFORMATION

UN-Number

ADR, IMDG, IATA UN1950

UN proper shipping name

ADR 1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS
IMDG AEROSOLS
IATA AEROSOLS, flammable

Transport hazard class(es)

ADR



Class 2.5F Gases
Label 2.1

IMDG, IATA



Class 2.1
Label 2.1

Packing group

ADR, IMDG, IATA Void

Environmental hazards:

Marine pollutant: No

Special precautions for user

Danger code (Kemler): - Warning: Gases.

EMS Number: F-D,S-U

Stowage Code SW1 Protected from sources of heat.
SW22 For AEROSOLS with a maximum capacity of 1 litre:
Category A. For AEROSOLS with a capacity above 1 litre:
Category B. For WASTE AEROSOLS: Category C, Clear
of living quarters.

Segregation Code SG69 For AEROSOLS with a maximum capacity of 1 litre:
Segregation as for class 9. Stow "separated from" class 1
except for division 1.4. For AEROSOLS with a capacity
above 1 litre: Segregation as for the appropriate
subdivision of class 2. For WASTE AEROSOLS:
Segregation as for the appropriate subdivision of class 2.

Transport in bulk according to Annex II of

Marpol and the IBC Code Not applicable.

Transport/Additional information:

ADR

Limited quantities (LQ) 1L

Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity

Transport category 2

Tunnel restriction code D

IMDG

Limited quantities (LQ) 1L

Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity

UN "Model Regulation": UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY
HAZARDOUS

15 – REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture
Directive 2012/18/EU**

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category

P3a FLAMMABLE AEROSOLS

E2 Hazardous to the Aquatic Environment



CHAMALEON GMBH / RUDOLF-DIESEL-STRASSE 8A / 69115 HEIDELBERG / GERMANY

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Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16-OTHER INFORMATION

Relevant phrases

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

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.

The information contained in these sheets is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects and should not be construed as any guarantee of technical performance or suitability for particular applications.