

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Release Wax (165100x)

Revision date: 04.03.2021

Product code: 165100

Page 1 of 13

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Release Wax (165100x)

UFI: RC00-60K6-5003-GMGF

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Trennmittel für Polyester- und Epoxidharze

Uses advised against

Verbraucherverwendungen: Private Haushalte (= Allgemeinheit = Verbraucher)

Verwendungsbereiche [SU]: 21

Nicht für private Zwecke (Haushalt) verwenden.

Relevante identifizierte Verwendungen - Weitere Angaben:

Industrielle Verwendungen: Verwendungen von Stoffen als solche oder in Zubereitungen an Industriestandorten

Verwendungsbereiche [SU]: 3

Gewerbliche Verwendungen: Öffentlicher Bereich (Verwaltung, Bildung, Unterhaltung, Dienstleistungen, Handwerk)

Verwendungsbereiche [SU]: 22

Das Produkt ist für den berufsmäßigen Verwender bestimmt.

1.3. Details of the supplier of the safety data sheet

Company name:	R&G Faserverbundwerkstoffe GmbH	
	Composite Technology	
Street:	Im Meißel 7 - 13	
Place:	D-71111 Waldenbuch	
Post-office box:	1145	
	D-71107 Waldenbuch	
Telephone:	+49 (0)7157 5304-60	Telefax: +49 (0)7157 5304-70
e-mail:	info@r-g.de	
Contact person:	Michael Groß	Telephone: +49 (0)7157 5304-60
e-mail:	urlaubmg@r-g.de	
Internet:	www.r-g.de	
Responsible Department:	Management	

1.4. Emergency telephone

number: Vergiftungs-Informations-Zentrale Freiburg

Tel: +49 (0)761 19240

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Flammable liquid: Flam. Liq. 3

Specific target organ toxicity - single exposure: STOT SE 3

Aspiration hazard: Asp. Tox. 1

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Flammable liquid and vapour.

May cause drowsiness or dizziness.

May be fatal if swallowed and enters airways.

Harmful to aquatic life with long lasting effects.

2.2. Label elements

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Release Wax (165100x)

Revision date: 04.03.2021

Product code: 165100

Page 2 of 13

Regulation (EC) No. 1272/2008**Hazard components for labelling**

Hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclic, aromatic (<2%)

Hydrocarbons, C9, arom.

Signal word: Danger**Pictograms:****Hazard statements**

- H226 Flammable liquid and vapour.
 H336 May cause drowsiness or dizziness.
 H304 May be fatal if swallowed and enters airways.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

- 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.
 P331 Do NOT induce vomiting.

2.3. Other hazards

Mögliche schädliche physikalisch-chemische Wirkungen:

Siehe unter Abschnitt 9 für physikalische und chemische Eigenschaften.

Die Dämpfe des Produktes sind schwerer als Luft und können sich am Boden, in Gruben, Kanälen und Kellern in höherer Konzentration sammeln.

Bei Ansammlung in tiefer gelegenen oder geschlossenen Räumen besteht erhöhte Brand- und Explosionsgefahr. Dämpfe können sich über große Distanzen ausbreiten und durch Zündquellen zur Zündung, zum Flammenrückschlag oder zur Explosion gebracht werden.

Im Gasraum geschlossener Gebinde können sich, insbesondere bei Wärmeeinwirkung, Dämpfe entzündlicher Lösemittel ansammeln. Feuer und Zündquellen sind deshalb fernzuhalten.

Dieses Material kann durch Hitze, Funken, Flammen oder andere Zündquellen (z.B. statische Elektrizität, Zündflammen, mechanische/elektrische Ausrüstung und elektronische Geräte wie Handys, Computer und Pager die nicht als eigensicher zugelassen sind) entzündet werden.

Dieses Material kann sich durch Ausfließen oder Röhren elektrostatisch aufladen und durch statische Entladung entzünden.

Das Produkt wird durch Verspritzen oder Versprühen angewendet.

Kann bei Verwendung explosionsfähige/entzündbare Dampf/Luft-Gemische bilden.

Bis zur völligen Verdampfung der entzündlichen Bestandteile besteht auch nach Gebrauch die Gefahr der Bildung explosionsfähiger Dampf-Luft-Gemische.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Dispersion of waxes in a mixture of solvents.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Release Wax (165100x)

Revision date: 04.03.2021

Product code: 165100

Page 3 of 13

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
64742-49-0	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics			80 - < 85 %
	927-241-2		01-2119471843-32	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H336 H304 H412 EUH066			
64742-95-6	Hydrocarbons, C9, Aromatics			15 - < 20 %
	918-668-5		01-2119455851-35	
	Flam. Liq. 3, STOT SE 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H335 H336 H304 H411 EUH066			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
64742-49-0	927-241-2	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics	80 - < 85 % %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
64742-95-6	918-668-5	Hydrocarbons, C9, Aromatics	15 - < 20 % %
		inhalation: LC50 = > 10,2 mg/l (vapours); dermal: LD50 = > 3160 mg/kg; oral: LD50 = 3495 mg/kg	

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Change contaminated clothing. Remove affected person from the danger area and lay down. If victim is at risk of losing consciousness, position and transport on their side. Put victim at rest, cover with a blanket and keep warm. Call a doctor, giving the substance's exact name. If breathing is irregular or stopped, administer artificial respiration. Never give anything by mouth to an unconscious person or a person with cramps.

Self-protection of the first aider Wear personal protection equipment (refer to section 8). First Aid.

After inhalation

Provide fresh air.

In the case of lung irritation: Primary treatment using corticoide spray, eg. Auxilison spray, Pulmicort-dosage-spray. (Auxilison and Pulmicort are registered trademarks.) Call a physician immediately. Consult a doctor immediately in the case of inhaling spray mist and show him packing or label.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Rub greasy ointment into the skin.

Do not wash with: Solvents/Thinner

In case of skin irritation, seek medical treatment.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

Protect uninjured eye.

After ingestion

Do NOT induce vomiting. Give nothing to eat or drink. Observe risk of aspiration if vomiting occurs.

Do not introduce anything into the mouth of an unconscious person. Risk of aspiration. Potential damage to lungs after vomiting.

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

The following symptoms may occur: Cough, Dyspnoea, Cyanosis (blue coloured blood), Pulmonary

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Release Wax (165100x)

Revision date: 04.03.2021

Product code: 165100

Page 4 of 13

oedema, Pneumonia, Acidosis, Depression of central nervous system, Headache, Nausea, Dizziness, Dizziness, Inebriation, unconsciousness.

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

Risk of aspiration. Potential damage to lungs after vomiting.
After ingestion the stomach must be emptied by a doctor using a probe.
Follow-up observations for pneumonia and pulmonary oedema.
Regulation of the blood circulation, possible shock treatment. Where appropriate artificial ventilation.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Water mist, Extinguishing powder, Foam, Carbon dioxide (CO₂).
Fire rating: B (Fires of liquids or liquid turning substances).

Unsuitable extinguishing media

High power water jet. Water spray jet

5.2. Special hazards arising from the substance or mixture

Fire gives rise to dense black smoke. Carbon dioxide (CO₂). Carbon monoxide hydrocarbons. Gases emitted by burning organic materials must always be classified as respiratory poisons. Burning produces heavy smoke.

5.3. Advice for firefighters

Usual measures for fire prevention.
Co-ordinate fire-fighting measures to the fire surroundings. In case of fire and/or explosion do not breathe fumes. In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still. Beware of reignition. Use caution when applying carbon dioxide in confined spaces. Carbon dioxide can displace oxygen. Move undamaged containers from immediate hazard area if it can be done safely. Stop and contain spill/release if it can be done safely. If this cannot be done, allow fire to burn under control. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Fire residue and contaminated firefighting water must be disposed of in accordance with government regulations.

Additional information

Special protective equipment for firefighters Wear a self-contained breathing apparatus and chemical protective clothing. DIN-/EN-Norms DIN EN 469

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General measures**

Avoid contact with skin, eyes, and clothing. Do not breathe vapour/aerosol. Remove all sources of ignition. Prevent the liquid from escaping. Move persons to safety. Be aware that gases can spread at ground level (heavier than air) and pay attention to the wind direction. Provide adequate ventilation. Special danger of slipping by leaking/spilling product.

For non-emergency personnel:

Wear personal protection equipment (refer to section 8).

For emergency responders

Wear personal protection equipment (refer to section 8). Use personal protective equipment as required.

Suitable material: Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter groundwater. Do not allow to enter the soil or subsoil. Ensure waste is collected and contained. Suppress gases/vapours/mists with water spray jet. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Release Wax (165100x)

Revision date: 04.03.2021

Product code: 165100

Page 5 of 13

Other information

For containment:

Make sure spills can be contained, e.g. in sump pallets or kerbed areas. Prevent spread over a wide area (e.g. by containment or oil barriers). Remove from the water surface (e.g. skimming, sucking).

For cleaning up:

Methods of cleaning - large amounts of spilled material: Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal.

Methods of cleaning - small amounts of spilled material

Clear spills immediately. Wipe up with absorbent material (eg. cloth, fleece). Wipe up with absorbent material (eg. cloth, fleece). Collect in closed and suitable containers for disposal. Clear contaminated areas thoroughly. Clean with detergents. Solvent use Retain contaminated washing water and dispose it. Ensure all waste water is collected and treated via a waste water treatment plant.

Suitable material for taking up: Sand. Kieselguhr. Universal binder. Absorbing material, organic

Unsuitable material for taking up: none known

6.4. Reference to other sections

Wear personal protection equipment (refer to section 8).

Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Measures to prevent aerosol and dust generation It is recommended to design all work processes always so that the following is excluded: Inhalation of vapours or spray/mists, Eye contact, Skin contact.

Technical ventilation of workplace: Vapours are heavier than air. Provide room air exhaust at ground level.

During filling, metering and sampling should be used if possible: Splashproof grounded devices, Devices with local exhaust, Use only in a exhaust booth with integrated air filter. Use in ventilated spray booths only. Ensure that fresh air is supplied to the breathing zone of the operator and exhaust air is removed in his back!

Recirculation of exhaust air is not recommended. Always close containers tightly after the removal of product.

Advice on protection against fire and explosion

Measures to prevent fire:

The product is: Flammable

The formation of combustible vapours is possible at temperatures above: +10 °C (Flash point -15°C)

Vapours can form potentially explosive mixtures with air. Spray mist may be blammlabe at temperatures below the flash point. Reignition possible over considerable distance. Vapours are heavier than air, spread along floors and form explosive mixtures with air. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Provide earthing of containers, equipment, pumps and ventilation facilities. Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. Use non-sparking tools. Take precautionary measures against static discharges. Flammable vapours can accumulate in head space of closed systems. Only use the material in places where open light, fire and other flammable sources can be kept away. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Usual measures for fire prevention. Never use pressure to empty container. Wear anti-static footwear and clothing

Further information on handling

Environmental precautions:

Shafts and sewers must be protected from entry of the product. Transfer wash-downs in sealed containers.

Provide for retaining containers, e.g. floor pan without outflow. For restriction of emission on volatile organic compounds (VOC) the solvent vapours should be supplied to an exhaust air purification facility (filter, gas washer, incineration).

Wear personal protection equipment (refer to section 8). Minimum standard for preventive measures while

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Release Wax (165100x)

Revision date: 04.03.2021

Product code: 165100

Page 6 of 13

handling with working materials are specified in the TRGS 500. Observe the general hygiene measures when handling chemical substances. Working places should be designed to allow cleaning at any time. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Clean spray booth and exhaust hood completely with every product change. When using do not eat, drink, smoke, sniff. Thorough skin-cleansing after handling the product. Used working clothes should not be worn outside the work area.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Suitable floor material: Floors should be impervious, resistant to liquids and easy to clean.
Protect against: heat, Cold.

Store only in original container. Storage temperature: +10-+30°C
Keep away from foodstuffs and fodder.

Hints on joint storage

Do not store together with: (Storage class)

- 1 Explosive hazardous substances
- 2A Gases (except aerosol dispensers and lighters)
 - 4.1 A Other potentially explosive hazardous substances
 - 4.1 B flammable solids
 - 4.2 A Pyrophoric or self-heating substances
 - 4.3 Hazardous substances that release flammable gases when in contact with water
 - 5.1 A Highly oxidising substances
 - 5.1 C Ammonium nitrate and preparations containing ammonium nitrate
 - 5.2 Organic peroxides and self-reactive substances
 - 6.1 B Non-combustible substances of acute toxicity, category 1 and 2 / very toxic substances
 - 6.2 Infectious substances
 - 7 Radioactive substances

7.3. Specific end use(s)

Empfehlung:

Möglichkeiten zur Substitution und Hinweise auf weniger gefährliche Produkte:

Dieses Produkt wurde für einen speziellen Anwendungszweck entwickelt und entsprechend optimiert.

Bei Fragen zu Produkt und Anwendungstechnik wenden Sie sich bitte an unseren Außendienst im Rahmen der Kundenbetreuung oder an unseren technischen Verkauf.

Technisches Merkblatt beachten.

Branchenlösungen:

Empfehlungen zur Gefährdungsbeurteilung der Unfallversicherungsträger (EGU) - früher:

BG/BGIA-Empfehlungen für die Gefährdungsbeurteilung nach der Gefahrstoffverordnung (DGUV Information 213-701, BGI 790)

([http://www.dguv.de/ifa/praxishilfen/praxishilfen-gefahrstoffe/empfehlungen-gefaehrungsermittlung-der-unfallversicherungsträger-\(egu\)/index.jsp](http://www.dguv.de/ifa/praxishilfen/praxishilfen-gefahrstoffe/empfehlungen-gefaehrungsermittlung-der-unfallversicherungsträger-(egu)/index.jsp))

Gefahrstoffportal für KMU (<http://www.gefährstoffe-im-griff.de>)

Gefahrstoffinformationssysteme der Berufsgenossenschaften: GISCHEM (BG RCI) (<http://www.gischem.de>) -

Stichwort: TRENNMITTEL GISBAU (BG Bau) (<http://www.gisbau.de>) - GISCODE/Produkt-Code: O70 -

Öle/Wachse, stark lösemittelhaltig, aromatenhaltig

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Release Wax (165100x)

Revision date: 04.03.2021

Product code: 165100

Page 7 of 13

DNEL/DMEL values

CAS No	Substance		
DNEL type	Exposure route	Effect	Value
64742-49-0	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics		
Worker DNEL, long-term	inhalation	systemic	871 mg/m ³
Worker DNEL, long-term	dermal	systemic	77 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	185 mg/m ³
Consumer DNEL, long-term	dermal	systemic	46 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	46 mg/kg bw/day
64742-95-6	Hydrocarbons, C9, Aromatics		
Worker DNEL, long-term	inhalation	systemic	150 mg/m ³
Worker DNEL, long-term	dermal	systemic	25 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	32 mg/m ³
Consumer DNEL, long-term	dermal	systemic	11 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	11 mg/kg bw/day

8.2. Exposure controls**Appropriate engineering controls**

When thresholds are exceeded approved respiratory equipment must be worn.

Eye/face protection

Tightly sealed safety glasses. (EN 166, BGR 192, ZH 1/703)

Skin protection

Wear protective clothing. (EN 340, BGR 189, ZH 1/700), antistatische Stiefel (EN 344, BGR 191, ZH 1/702))

Respiratory protectionGas filtrating Half-face mask: FFA EN 405, BGR 190, ZH 1/701 Modell 4251 (FFA1P1/1000ml/m³) 4255 (FFA2P2SL/5000ml/m³)Half-face mask or Quarter-face mask with gas filter: EN 141, BGR 190, ZH 1/701 Typ 6051(A1/1000ml/m³) 6055 (A2/5000ml/m³)

Full-face mask with gas filter: EN 136, BGR 190, ZH 1/701

TYP A,

Indication colour brown

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	white
Odour:	characteristic

Test method**Changes in the physical state**

Melting point:	> 140 °C
Flash point:	> 24 °C DIN EN ISO 13736
Lower explosion limits:	0,6 vol. %
Upper explosion limits:	7,0 vol. %
Auto-ignition temperature:	> 200 °C
Vapour pressure: (at 20 °C)	5 hPa

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Release Wax (165100x)

Revision date: 04.03.2021

Product code: 165100

Page 8 of 13

Vapour pressure: (at 50 °C)	24 hPa
Density (at 20 °C):	0,78 g/cm ³ DIN 51757
Water solubility: (at 20 °C)	0,1 g/L
Solubility in other solvents	
mixable with most organic solvent cleaners	
Viscosity / kinematic: (at 40 °C)	1,8 mm ² /s DIN 53015
Flow time: (at 23 °C)	23 s 3 EN ISO 2431
Relative vapour density: (at 25 °C)	~ 4.0 (Luft=1) Literaturwert
Evaporation rate: (at 20 °C)	0,6 n-BuAc=1 ASTM D 3539

9.2. Other information

Temperaturklasse (DIN EN 60079-0): T 3 (T > +200 °C ... <= +300 °C)

SECTION 10: Stability and reactivity**10.1. Reactivity**

Stabile under the specified storage conditions.

10.2. Chemical stability

Stabile under the specified storage conditions.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Release Wax (165100x)

Revision date: 04.03.2021

Product code: 165100

Page 9 of 13

Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-49-0	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics				
	oral	LD50 > 5000 mg/kg	Rat	ECHA	OECD 401
	dermal	LD50 > 5000 mg/kg	Rat	ECHA	OECD 402
64742-95-6	Hydrocarbons, C9, Aromatics				
	oral	LD50 3495 mg/kg	Rat	ECHA	
	dermal	LD50 > 3160 mg/kg	Rabbit	ECHA	OECD 402
	inhalation (4 h) vapour	LC50 > 10,2 mg/l	Rat	ECHA	OECD 403

Additional information on tests

Organic solvent: according to the literature, aliphatic hydrocarbons have a slightly irritant effect on the skin and mucous membranes in addition to their demoisturising and narcotic properties. Direct contact with lung tissue (e.g. through aspiration) may cause pneumonia.

Practical experience

LD 50/oral rat => 2.000 mg/kg

LD 50/dermal rat => 2.000 mg/kg

LC 50/inhalativ 4h rat => 20 mg/l

11.2. Information on other hazards**Other information**

Has degreasing effect on the skin. Eye contact may cause irritation.

Inhalation of high vapour concentrations can cause narcotic effects and metabolic acidosis. Symptoms of overexposure are dizziness, headaches, fatigue, nausea, unconsciousness, and respiratory arrest. Fast evaporation of liquid can cause frostbite.

SECTION 12: Ecological information**12.1. Toxicity**

LC 50/96h/Poecilia reticulata: 10-100 mg/l

EC 50/72h/algae: 10-100 mg/l

EC 50/48h/Daphnia magna: 10-100 mg/l

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Release Wax (165100x)

Revision date: 04.03.2021

Product code: 165100

Page 10 of 13

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
64742-49-0	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics					
	Acute fish toxicity	LC50	30 mg/l	96 h	Oncorhynchus mykiss	ECHA OECD 203
	Acute algae toxicity	ErC50 mg/l	> 1000	72 h	Pseudokirchneriella subcapitata	ECHA OECD 201
	Acute crustacea toxicity	EC50	46 mg/l	48 h	Daphnia magna	ECHA OECD 202
	Fish toxicity	NOEC mg/l	0,182	28 d	Oncorhynchus mykiss	ECHA
	Algae toxicity	NOEC	< 1 mg/l	3 d	Pseudokirchneriella subcapitata	ECHA OECD 201
	Crustacea toxicity	NOEC mg/l	0,317	21 d	Daphnia magna	ECHA
	Acute bacteria toxicity	(1065 mg/l)			Tetrahymena pyriformis	ECHA

12.2. Persistence and degradability

abiotischer Abbau:

Physikochemische Elimination:

Oxidation:

nicht anwendbar (Gemische)

In Luft ist ein schneller Abbau zu erwarten.

Die Angaben zur Ökologie beziehen sich auf die Hauptkomponente.

Hydrolyse:

nicht anwendbar (Gemische)

Es ist keine Umwandlung aufgrund von Hydrolyse in bedeutendem Ausmaß zu erwarten.

Die Angaben zur Ökologie beziehen sich auf die Hauptkomponente.

Photochemische Elimination:

Photolyse:

nicht anwendbar (Gemische)

Es ist keine Umwandlung aufgrund von Photolyse in bedeutendem Ausmaß zu erwarten.

Die Angaben zur Ökologie beziehen sich auf die Hauptkomponente.

Ozonolyse:

nicht anwendbar (Gemische)

Biologischer Abbau:

nicht relevant (Gemische)

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64742-49-0	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics			
	OECD 301F	89 %	28	
	readily biodegradable			
64742-95-6	Hydrocarbons, C9, Aromatics			
	OECD 301F	78 %	28	

12.4. Mobility in soil

The product ist insoluble an floats on water. The product evaporates readily.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII.

12.7. Other adverse effects

No data available.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Release Wax (165100x)

Revision date: 04.03.2021

Product code: 165100

Page 11 of 13

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Abfallbehandlungslo"sungen:

Unter Beachtung beh"rdlicher Vorschriften einer Sonderabfallverbrennung zuf"hren .

Entsorgung gem"ß den beh"rdlichen Vorschriften .

Entsorgung gem"ß Richtlinie 2008/98/EG u"ber Abf"lle und gef"hrliche Abf"lle. Gefahrenrelevante

Eigenschaften der Abf"lle:

Entz"ndbar

Gesundheitssch"dlich

O"kotoxisch

Die Entsorgung ist nachweispflichtig.

List of Wastes Code - residues/unused products

070204 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; other organic solvents, washing liquids and mother liquors; hazardous waste

List of Wastes Code - used product

070204 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; other organic solvents, washing liquids and mother liquors; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number:	UN 1268
14.2. UN proper shipping name:	PETROLEUM PRODUCTS, N.O.S.
14.3. Transport hazard class(es):	3
14.4. Packing group:	III
Hazard label:	3



Classification code:	F1
Special Provisions:	664
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	30

Other applicable information (land transport)

: 3
: E

Marine transport (IMDG)

14.1. UN number:	UN 1268
14.2. UN proper shipping name:	PETROLEUM PRODUCTS, N.O.S.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Release Wax (165100x)

Revision date: 04.03.2021

Product code: 165100

Page 12 of 13

14.3. Transport hazard class(es): 3**14.4. Packing group:** III

Hazard label: 3



Marine pollutant: --

Special Provisions: 223, 955

Limited quantity: 5 L

Excepted quantity: E1

EmS: F-E, S-E

Air transport (ICAO-TI/IATA-DGR)**14.1. UN number:** UN 1268**14.2. UN proper shipping name:** PETROLEUM PRODUCTS, N.O.S.**14.3. Transport hazard class(es):** 3**14.4. Packing group:** III

Hazard label: 3



Special Provisions: A3

Limited quantity Passenger: 10 L

Passenger LQ: Y344

Excepted quantity: E1

IATA-packing instructions - Passenger: 355

IATA-max. quantity - Passenger: 60 L

IATA-packing instructions - Cargo: 366

IATA-max. quantity - Cargo: 220 L

Other applicable information (air transport)

ERG Kodex: 3L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Weitere Angaben siehe unter Abschnitt 6, 7, 8.

14.7. Maritime transport in bulk according to IMO instruments

Keine Beförderung als Massengut gemäß IBC-Code.

Die Abgabe erfolgt ausschließlich in verkehrsrechtlich zugelassenen und geeigneten Verpackungen.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3

2010/75/EU (VOC): (25 °C) 96% 752 g/L.

2004/42/EC (VOC): (25 °C) 96% 752 g/L.

Subcategory according to Directive Binding primers - Solvent-borne coatings, VOC limit value: 750 g/l

2004/42/EC:

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Release Wax (165100x)

Revision date: 04.03.2021

Product code: 165100

Page 13 of 13

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D): 2 - obviously hazardous to water

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 3,9,12,13,14,15.

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)