

Paraffin Wax

Part No. RXSOL-20-1411-277 — Generated 10 Oct 2026

1. Product and Company Identification

Porduct Name	Paraffin Wax
Part Number	RXSOL-19-1411-277

Company Details:

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2. Composition / informationon ingredients

Chemical Name	Cas No	EC No	Whight
Paraffin Wax	8002-74-2 or 64742-43-4	232-315-6	= 100 %

3. Hazards Identification

Signal Word	None
Classification of the substance or mixture	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
Supplemental Hazard Statements	None
Other hazards	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

4. First Aid Measures

If inhaled	After inhalation: fresh air. Call in physician.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
Swallowed	After swallowing: caution if victim vomits. Risk of aspiration! Keep airways free. Pulmonary failure possible after aspiration of vomit. Call a physician immediately.
Skin Contact	Wash off immediately with soap and plenty of water. Obtain medical attention.
Inhalation	Remove from exposure, lie down. Move to fresh air. If not breathing, give artificial respiration. Obtain medical attention.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Get medical attention. If possible drink milk afterwards.
Most important symptoms and effects, both acute and delaye	No information available.

Indication of any immediate medical attention and special treatment needed No data available

5. Fire-fighting Measures

Suitable extinguishing media	Water spray. Carbon dioxide (CO ₂). Dry chemical. Chemical foam.
Extinguishing media which must not be used for safety reasons	No information available.
Special hazards arising from the substance or mixture	Thermal decomposition can lead to release of irritating gases and vapors.
Hazardous Combustion Products	Carbon monoxide (CO), Carbon dioxide (CO ₂).
Advice for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal precautions	Ensure adequate ventilation.
Environmental Precaution	See Section 12 for additional ecological information.
Methods for containment and cleaning	Sweep up or vacuum up spillage and collect in suitable container for disposal.
Reference to other sections	Refer to protective measures listed in Sections 8 and 13.

7. Handling and Storage

Precautions for safe handling	Avoid contact with skin and eyes. Do not breathe dust.
Storage class	Storage class (TRGS 510): 3: Flammable liquids
Advice on safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.
Storage conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.
Specific end use(s)	Use in laboratories

8. Exposure controls and personal protection

Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Eye/face protection	Tightly fitting safety goggles (European standard - EN 166)
Skin protection	Long sleeved clothing
Body Protection	Protective gloves
Respiratory protection	No protective equipment is needed under normal use conditions.

Other Measure	Protection	Handle in accordance with good industrial hygiene and safety practice.
Control of exposure	of environmental	No information available.

9. Physical and chemical properties

Physical state	Solid
Colour	White
Odour	Odorless
Odor Threshold	No information available
pH	No data available
Melting Point	51 - 53 °C / 123.8 - 127.4 °F
Boiling point	322 °C / 611.6 °F
Flash point	198 °C / 388.4 °F
Flammability (solid, gas)	No data available
Explosive limits	No Data Available
Upper/lower flammability or explosive limits	No data available
Autoignition temperature	245 °C / 473 °F
Decomposition temperature	No data available
Density	No data available
Vapor pressure	No data available
Vapor Density	Not applicable
Relative Density	No data available
Specific Gravity	No information available
Partition coefficient	No data available
Explosive properties	No data available
Solubility	No data available
Ignition temperature	No information available.
Particle characteristics	No data available

10. Stability and reactivity

Reactivity	None known, based on information available
Stability	Stable under normal conditions.
Hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Incompatible products.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Carbon monoxide (CO). Carbon dioxide (CO2).

11. Toxicological information

Acute toxicity	Based on available data, the classification criteria are not met
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Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Respiratory or skin sensitization	Based on available data, the classification criteria are not met
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as acarcinogen.
Germ cell mutagenicity	In vivo tests showed mutagenic effects May cause genetic defects. Test Type: In vitro mammalian cell gene mutation test Test system: mouse lymphoma cells Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 476 Result: positive Test Type: Sister chromatid exchange analysis in spermatogonia Species: Rat Application Route: inhalation (vapor)
Reproductive toxicity	Suspected of damaging fertility. Suspected human reproductive toxicant Suspected of damaging the unborn child.
Specific target organ toxicity - single exposure	No data available

12. Ecological information

Persistence and degradability	Persistence Insoluble in water.
Bioaccumulative potential	May have some potential to bioaccumulate
Toxicity to fish	Static test LC50 - Oncorhynchus mykiss (rainbow trout) - 50,6 mg/l - 96 h (OECD Test Guideline 203)
Toxicity to daphnia and other aquatic invertebrates	Static test EC50 - Daphnia magna (Water flea) - 49,1 mg/l - 48 h (OECD Test Guideline 202)
Toxicity	Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 1.520 mg/l - 96 h
Toxicity to bacteria	No data available
Products Biodegradation	The methods for determining the biological degradability are not applicable to inorganic substances.
Mobility in soil	Spillage unlikely to penetrate soil Is not likely mobile in the environment due its low water solubility.
Results of PBT and vPvB assessment	No data available for assessment.
Endocrine disrupting properties	This product does not contain any known or suspected endocrine disruptors
Other adverse effects	No data available .

13. Disposal considerations

Contaminated packaging	Dispose of as unused product.
Waste e Disposal Method	See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

14. Transport information

UN number	ADR/RID	IMDG	IATA
UN proper shipping name	ADR/RID	IMDG	IATA:-
Transport hazard class(es)	ADR/RID:	MDG:	IATA:
Packaging group	ADR/RID:	IMDG:	IATA:

Environmental hazards	ADR/RID: - yes	IMDG: - yes	IATA: -no
Special precautions for user	No data available		
Further information	Not classified as dangerous in the meaning of transport regulations.		

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
Other regulations	Take note of Dir 94/33/EC on the protection of young people at work.
National legislation	Paraffin waxes and Hydrocarbon waxes nwg - nicht wassergefährdend (non-hazardous to waters)
Chemical Safety Assessment	A Chemical Safety Assessment/Report (CSA/CSR) has not been conducted

16. Other information

Other Information	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if RXSOL CHEMO PHARMA INTERNATIONAL has been advised of the possibility of such damages.
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