

Product Name	Polylactic acid
Part Number	RXSOL-40-4057-023

Company Details:

RX MARINE INTERNATIONAL
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Chemical Name	Cas No	Molecular weight	Polylactic acid	26100-51-6	60
kg/mol	Classification of the substance or mixture	Not a hazardous substance or mixture.	GHS Label elements, including		
precautionary statements	Not a hazardous substance or mixture.	Hazards not otherwise classified (HNOC) or not covered by GHS			
None					

If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.	In case of skin contact	Wash
off with soap and plenty of water.	In case of eye contact	Flush eyes with water as a precaution.s.	Wash clothing before reuse. Obtain
medical aid immediately.	If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water.	Most
important symptoms and effects, both acute and delayed	The most important known symptoms and effects are described in the labelling (see		
section 2.2) and/or in section 11	Indication of any immediate medical attention and special treatment needed	No data available	

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	Special hazards arising
from the substance or mixture	Carbon oxides	Wear self-contained breathing apparatus for firefighting if
necessary.	Further information	No data available

Personal precautions, protective equipment and emergency procedures	Avoid dust formation. Avoid breathing vapours, mist or gas. For
personal protection see section 8.	Environmental precautions
materials for containment and cleaning up	No special environmental precautions required.
sections	Sweep up and shovel. Keep in suitable, closed containers for disposal.
For disposal see section 13.	Reference to other

Precautions for safe handling Further processing of solid materials may result in the formation of combustible dusts. The potential for

combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities	Keep container tightly closed in a dry and well-ventilated place.
Store under inert gas. Moisture sensitive. Exposure to moisture	Storage class (TRGS 510): Non Combustible Solids
Keep container tightly closed in a dry and well-ventilated place.	Store under inert gas. Moisture sensitive.
Exposure to moisture	Storage class (TRGS 510): Non Combustible Solids.
Specific end use(s)	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

Eye/face protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body Protection	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection	Wear gloves selected based on an evaluation of the possible hazards to hands and skin, the duration of use, the physical conditions of the workplace, and the chemical resistance and physical properties of the glove material.
Skin and body	Protective clothing must be selected based on the hazards present in the workplace, the physical environment, the duration of exposure, and other factors. No fabric can provide protection against all potential hazards; therefore it is important to select the appropriate protective clothing for each specific hazard. At the minimum, wear a laboratory coat and close-toed footwear
Respiratory	Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Control of environmental exposure	No special environmental precautions required.

Appearance	Solid	Odour	No data available	Odour Threshold	No data available	pH	No data available
Freezing/Melting Point:	No data available	Evaporation Rate	No data available	Flammability(solid,gas)	No data available		
Upper/lower flammability or explosive limits	No data available	Relative Density	No data available	Vapor Pressure	No data available	Vapor Density	
No data available	No data available	Auto-ignition Temperature	No data available	Water solubility	No data available	Partition coefficient: noctanol/wate	No data available
Viscosity	No data available	Explosive properties	No data available	Oxidizing properties	No data available		

Reactivity	Not available	Chemical stability	Stable under recommended storage conditions	Possibility of hazardous reactions	No data available
oxidizing agents.	Hazardous decomposition products	Other decomposition products - No data available	In the event of fire: see section 5		

Acute toxicity	No data available	Inhalation	No data available	Dermal	No data available
Skin corrosion/irritation	No data available	Serious eye damage/eye irritation	No data available		
Respiratory or skin sensitisation	No data available	Germ cell mutagenicity	No data available	Carcinogenicity	No data available
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as confirmed human carcinogen by IARC.	NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP	OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	No data available	Specific target organ toxicity - single exposure	No data available	Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available	Additional Information	RTECS: Not available		

Toxicity	Not available	Persistence and degradability	Not available	Bioaccumulative potential	Not available.
Mobility in soil	Not available.	Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.		
		Other adverse effects	Not available		

Waste Disposal	Offer surplus and non-recyclable solutions to a licensed disposal company	Contaminated
packaging	Dispose of as unused product..	

DOT (US)	Not dangerous goods	IMDG	Not dangerous goods	IATA	Not dangerous goods
Packing group	Not available				

SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302				
	SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.			
Hazards	SARA 311/312 Hazards	No SARA			
Massachusetts Right To Know Components	No components are subject to the Massachusetts Right to Know Act.				
Pennsylvania Right To Know Components	Propanoic acid, 2-hydroxy-, homopolymer	California Prop. 65 Components	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.		

No data available	Other Information
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Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.	Use
extinguishing measures that are appropriate to local circumstances and the surrounding environment.	