

## 1. Product and Company Identification

www.rxmarine.com

Product Name D-Panthenol  
Part Number RXSOL-60-6650-025

### Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
VASHI ,NEW BOMBAY 400703 INDIA

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## 2. Composition / Information on ingredients

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Product name	Cas No	EC No	Weight	Formula
D-Panthenol	81-13-0	201-327-3	205,25 g/mol	C <sub>9</sub> H <sub>19</sub> NO <sub>4</sub>

## 3. Hazards Identification

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Signal Word	No data available
Hazard Statements	No data available
Precautionary statements	No data available
Classification of the substance or mixture	No data available
Supplemental Hazard Statements	No data available
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

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General advice	Consult a physician. Show this material safety data sheet to the doctor in attendance.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Skin Contact	Wash off with soap and plenty of water. Consult a physician
Inhalation	No data available
Ingestion	No data available
Most important symptoms and effects, both acute and delaye	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

## 5. Fire-fighting Measures

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Flammability	No data available
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Unsuitable extinguishing media	No data available
Special hazards arising from the substance or mixture	Carbon oxides Nitrogen oxides (NOx)
Further information	No data available
Hazardous combustion products	No data available
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Protective Equipment	No data available
Specific Hazards Arising from the Chemical	No data available

## 6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. For personal protection see section 8.
Spillage	No data available
Personal Protection	No data available
Environmental Precaution	Do not let product enter drains. Risk of explosion.
Methods and materials for containment and cleaning	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.
Reference to other sections	For disposal see section 13.

## 7. Handling and Storage

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Advice on protection against fire and explosion	No data available
Incompatible materials	No data available
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday
Advice on safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist
Conditions for safe storage including any incompatibilities	No data available
Storage conditions	Keep container tightly closed in a dry and well-ventilated place. Store in cool place. Recommended storage temperature 2 - 8 °C Hygroscopic.
Storage class	Storage class (TRGS 510): 12: Non Combustible Liquids
Specific end use(s)	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated
Advice on general occupational hygiene	No data available

## 8. Exposure controls and personal protection

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Exposure controls	Personal protective equipment
Engineering Control	No data available
Eye/face protection	Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Body Protection	Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
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. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Full contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 480 min Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M) Splash contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 480 min Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the EC approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a fullface respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Other Protection Measure

No data available

## 9. Physical and chemical properties

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Physical state	Liquid, clear, viscous
Colour	Colorless
Odour	No data available
Odor Threshold	No data available
pH	No data available
Melting Point	No data available
Boiling Point	No data available.
Flash Point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Explosive limits	No data Available
Upper/lower flammability or explosive limits	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Vapour pressure	No data available
Viscosity	No data available
Density	1,2 g/cm <sup>3</sup> at 20 °C - lit
Relative Density	No data available
Specific Gravity	No data available
Partition coefficient	No data available
Explosive properties	No data available
Solubility	No data available
Ignition temperature	No data available
Particle characteristics	No data available

## 10. Stability and reactivity

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Reactivity	No data available
Chemical stability	The product is chemically stable under standard ambient conditions (room

Possibility of hazardous reactions  
Conditions to avoid  
Incompatible materials  
Hazardous decomposition products

temperature)  
No data available  
No data available  
Strong oxidizing agents  
In the event of fire: see section 5

## 11. Toxicological information

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Acute toxicity  
Skin corrosion/irritation  
Serious eye damage/irritation  
Respiratory or skin sensitization  
Carcinogenicity  
Germ cell mutagenicity  
Reproductive toxicity  
Specific target organ toxicity - single exposure  
Additional Information

LD50 Oral - Mouse - 15.000 mg/kg  
No data available  
No data available  
No data available  
No data available  
No data available  
No data available  
No data available  
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 12. Ecological information

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Persistence and degradability  
Toxicity to fish  
Toxicity to daphnia and other aquatic invertebrates  
Toxicity  
Toxicity to bacteria  
Toxicity to algae  
Bioaccumulation potential  
Mobility in soil  
Results of PBT and vPvB assessment  
  
Endocrine disrupting properties  
Other adverse effects

No data available  
No data available  
No data available  
No data available  
No data available  
No data available  
No data available  
No data available  
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.  
No data available  
No data available

## 13. Disposal considerations

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Product  
Contaminated packaging  
Waste treatment Method

Offer surplus and non-recyclable solutions to a licensed disposal company.  
Dispose of as unused product.  
No data available

## 14. Transport information

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UN number  
UN proper shipping name  
Transport hazard class(es)  
Packaging group  
Environmental hazards  
Special precautions for user

ADR/RID:  
ADR/RID:Not dangerous goods  
ADR/RID:  
ADR/RID:-  
ADR/RID:No  
No data available

IMDG:  
IMDG:Not dangerous goods  
IMDG:  
IMDG:-  
IMDG:No

IATA:  
IATA:Not dangerous goods  
IATA:  
IATA:-  
IATA:No

## 15. Regulatory information

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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	No data available
Chemical Safety Assessment	A Chemical Safety Assessment was not carried out for this substance.

## 16. Other information

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### Other Information

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