

## 1. Product and Company Identification

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Product Name :Gellan Gum  
Part Number : RXSOL-54-5408-025

### Company Details:

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

**Branch : Kandla, Sikka, Dahej, Hazira, JNPT, Goa, Mangalore, Cochin, Tuticorin, Chennai, Kakinada, Vizag, Paradip, Kolkata, UAE, Singapore.**

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## 2. Composition / Information on ingredients

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Name of Substance	Cas Number
Ammonium Bisulphite	71010-52-1
Ethanediol	107-21-1
Quaternary Ammonium Chloride	68391-01-5
Propan-2-ol	67-63-0

## 3. Hazards Identification

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Classification of the substance or mixture Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Label elements Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Other hazards This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 4. First Aid Measures

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If inhaled After inhalation: fresh air.  
In case of skin contact In case of skin contact: Take off immediately all con

water/ shower.

In case of eye contact  
If swallowed  
Most important symptoms and effects, both acute and delayed  
Indication of any immediate medical attention and special treatment needed

After eye contact: rinse out with plenty of water. Remove contact lenses if present and continue to rinse for at least 15 minutes. After swallowing: make victim drink water (two glasses) if conscious. Do not induce vomiting. The most important known symptoms and effects are listed in section 11  
No data available

## 5. Fire-fighting Measures

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Suitable extinguishing media  
Unsuitable extinguishing media  
Special hazards arising from the substance or mixture  
Advice for firefighters  
Further information

Water Foam Carbon dioxide (CO<sub>2</sub>) Dry powder  
For this substance/mixture no limitations of extinguishing media are known.  
Nature of decomposition products not known. Combustible gases or vapours possible in the event of fire.  
In the event of fire, wear self-contained breathing apparatus.  
Prevent fire extinguishing water from contaminating surface water or groundwater.

## 6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures  
Environmental Precaution  
Methods and materials for containment and cleaning up  
Reference to other sections

Advice for non-emergency personnel: Avoid inhalation. Follow emergency procedures.  
Do not let product enter drains.  
Cover drains. Collect, bind, and pump off spills. Observe local regulations (e.g. 9 and 10). Take up dry. Dispose of properly. Clean up as directed.  
For disposal see section 13.

## 7. Handling and Storage

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Precautions for safe handling  
Storage conditions  
Storage class  
Specific end use(s)

For precautions see section 2.2.  
Tightly closed. Dry. hygroscopic  
Storage class (TRGS 510): 11: Combustible Solids  
Apart from the uses mentioned in section 1.2 no other uses are known.

## 8. Exposure controls and personal protection

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Control parameters  
Personal Protection

Ingredients with workplace control parameters  
**Eye protection :** Use equipment for eye protection that meets the standards such as NIOSH (US) or EN 166(EU). Safety glasses.  
**Skin protection :** This recommendation applies only for the uses supplied by us and for the designated use. When discharging under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves ([www.kcl.de](http://www.kcl.de)).  
Full contact Material: Nitrile rubber Minimum layer thickness: 0.15 mm  
life science business of Merck operates as MilliporeSigma in the US and Canada Break through time: 480 min

Material tested:KCL 741 Dermatril® L This record is not a safety data sheet,

supplied by us and for the designated use. When dis used under conditions deviating from those stated in EN374 please

contact the supplier of CE-approved gloves (www.kcl.de).

Splash contact Material: Nitrile rubber Minimum layer thickness: 0.15 mm  
Material tested:KCL 741 Dermatril® L **Respiratory protection**  
Our recommendations on filtering respiratory protective devices are based on EN 143, DIN 14387 and other accompanying standards.  
Recommended Filter type: Filter type P1 The entrance and exit of air during testing of respiratory protective devices are carried out in accordance with EN 143.  
These measures have to be properly documented.  
Do not let product enter drains.

Control of environmental exposure



## Gloves Suit

### 9. Physical and chemical properties

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Physical state	powder
Colour	No data available
Odour	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flammability (solid, gas)	No Data Available
Upper/lower flammability or explosive limits	No data available
Flash point	Not applicable
Autoignition temperature	No data available
Decomposition temperature	No data available
pH	7(External MSDS)
Viscosity	No data available
Water solubility	soluble, (External MSDS)
Partition coefficient: n-octanol/water	No data available
Vapor pressure	Viscosity, kinematic: No data available

	Viscosity, dynamic: No data available
Density	No data available
Relative density	
Relative vapor density	No data available
Particle characteristics	No data available
Explosive properties	No data available
Oxidizing properties	None
Other safety information	No data available

## 10. Stability and reactivity

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Reactivity	The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, wh dust explosion potential may generally be assumed.
Chemical stability	Chemical stabilityaThe product is chemically stable under standard ambient conditions (room temperature) .
Possibility of hazardous reactions	Violent reactions possible with: Strong oxidizing agents
Incompatible materials	No data available
Hazardous decomposition products	In the event of fire: see section 5
Condition to Avoid	Avoid moisture. no information available

## 11. Toxicological information

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Acute toxicity	LD50 Oral - Rat - > 5.000 mg/kg Remarks: (External MSDS) Inhalation: No data available
	Sigma- P8169 Page 6 of 9 The life science business of Merck operates as MilliporeSigma inthe US and CanadaD available
Skin corrosion/irritation	Skin - Rabbit Result: No skin irritation Remarks: (External MSDS)
Serious eye damage/eye irritation	Eyes - Rabbit Result: No eye irritation Remarks: (External MSDS)
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
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
Endocrine disrupting properties Product:	Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. Diarrhea, To the best of our chemical, physical, and toxicological properties have not been thoroughly investigated. Possible symptoms:  After swallowing of large amounts: Stomach/intestinal disorders  Diarrhea Handle in accordance with good industrial hygiene and safety practice.

## 12. Ecological information

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Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Endocrine disrupting properties Product:	Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/601 at levels of 0.1% or higher.
Other adverse effects	We have no quantitative data concerning the ecological effects of this product.

## 13. Disposal considerations

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Waste treatment methods	No data available
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## 14. Transport information

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UN Number	ADR/RID: - IMDG: - IATA: -
Proper shipping name	ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: -
<b>Transport hazard class(es) 8</b>	ADR/RID: - IMDG: - IATA: -
Packing group	
Packing group	ADR/RID: - IMDG: - IATA: -
Environmental hazards	
Environmental hazards	ADR/RID: no IMDG Marine pollutant: no IATA: no
Special precautions for user	Not classified as dangerous in the meaning of transport regulations
Further information	

## 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 relevant regulations.
Chemical safety assessment	For this product a chemical safety assessment was performed.

## 16. Other information

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Other Information

The information above is believed to be accurate and complete as far as it is available to us. However, we make no warranty of accuracy or completeness, implied, with respect to such information, and we do not accept any liability for any loss or damage arising from its use.

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