Material Safety Data Sheet

Talc Powder (RXSOL-81-8121-025)

1. Product and Company Identifaction

Product Name	Talc Powder
Product Type	RXSOL-81-8121-025

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Name	CAS#	% by Weight
Talc	14807-96-6	100

3. Hazards Identification

Potential Acute Health Effects	Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.
Potential Chronic Health Effects:	
Carcinogenic effects	A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC.
Mutagenic effects	Not available
Teratogenic effects	Not available
Developmental toxicity	Not available. The substance may be toxic to lungs. Repeated or prolonged exposure to the substance can produce target organs damage.

4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin Contact	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
Serious Skin Contact	Not available.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Serious Inhalation	Not available.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Serious Ingestion	Not available.

5. Fire-fighting Measures

Flammability of the Product	Non-flammable.
Auto-Ignition Temperature	Not applicable.
Flash Points	Not applicable.
Flammable Limits	Not applicable
Products of Combustion	Not available.
Fire Hazards in Presence of Various Substances	Not applicable
Explosion Hazards in Presence of Various Substances:	
Risks of explosion of the product in presence of mechanical impact	Not available.
Risks of explosion of the product in presence of static discharge	Not available.
Fire Fighting Media and Instructions	Not applicable
Special Remarks on Fire Hazards	Not applicable.
Special Remarks on Explosion Hazards	Not applicable.

6. Accidental Release Measures

Small Spill	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

7. Handling and Storage

Precautions	No specific safety phrase has been found applicable for this product.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. Hygroscopic

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.
Personal Protection	OdSafety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient;consult a specialist BEFORE handling this product.
Exposure Limits	TWA: 2 (mg/m3) from ACGIH (TLV) [United States] Respirable. TWA: 2 (mg/m3) from OSHA (PEL) [United States] Respirable. TWA: 2 (mg/m3) from NIOSH [United States] Respirable. TWA: 1 (mg/m3) [United Kingdom (UK)] Respirable.Consult local authorities for acceptable exposure limits.

9. Physical and chemical properties

Physical state and appearance	Solid. (Powdered solid.)

Odor	Odorless.
Taste	Not available
Molecular Weight	Not available
Color	White. Grayish white.
pH (1% soln/water)	Not applicable.
Boiling Point	Not available.
Melting Point	800°C (1472°F)
Critical Temperature	Not available.
Specific Gravity	2.5 - 2.8(Water = 1)
Vapor Pressure	Not applicable.
Vapor Density	5.7 (Air = 1)
Volatility	Not available.
Odor Threshold	Not available.
Water/Oil Dist. Coeff.	Not available.
Ionicity (in Water)	Not available.
Dispersion Properties	Not available.
Solubility	Insoluble in cold water, hot water.

10. Stability and reactivity

Stability	The product is stable.
Instability Temperature	Not available.
Conditions of Instability	Excess heat, dust generation, incompatible materials
Incompatibility with various substances	Not available.
Corrosivity	Not considered to be corrosive for metals and glass.
Special Remarks on Reactivity	Not available.
Special Remarks on Corrosivity	Not available.
Polymerization	Will not occur

11. Toxicological information

Routes of Entry	Inhalation. Ingestion.

Toxicity to Animals	
LD50	Not available
LC50	Not available
Special Remarks on Toxicity to Animals	Not available.
Chronic Effects on Humans	
CarcInogenic Effects:	A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC.
May cause damage to the following organs	lungs.
Other Toxic Effects on Humans	Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals	Not available
Special Remarks on Chronic Effects on Humans	May cause cancer based on animal data. No human data found at this time.
Special Remarks on other Toxic Effects on Humans:	
Skin	May cause mild skin irritation. Do not get onto broken skin. It will contaminate the wound and can cause a severe granulomatous reaction.
Eyes	May cause mechanical eye irritation.
Inhalation	May cause respiratory tract irritation. Symptoms may include coughing, labored breathing, sneezing, cyanosis, and vomiting. It may produce permanent effects in the lungs.
Ingestion	Low hazard expected for normal industrial use. Ingestion of large amounts may cause gastrointestinal irritation.

12. Ecological information

Ecotoxicity	Not available
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation	Not available.

13. Disposal considerations

Waste disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations..

14. Transport information

DOT Classification	Not a DOT controlled material (United States).
Identification	Not applicable.
Special Provisions for Transport	Not applicable.

15. Regulatory information

Federal and State Regulations	Illinois toxic substances disclosure to employee act: Talc Rhode Island RTK hazardous substances: Talc Pennsylvania RTK: Talc Minneso Talc
Other Regulation	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inve
EINECS	This product is on the European Inventory of Existing Commercial Chemical Substances.
Other Classifications:	WHMIS (Canada): Not controlled under WHMIS (Canada).
WHMIS (Canada)	Not controlled under WHMIS (Canada).
DSCL (EEC)	This product is not classified according to the EU regulations. Not applicable.
HMIS (U.S.A.)	
Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	E
National Fire Protection Association (U.S.A.):	
Health	1
Flammability	0
Reactivity	0
Specific hazard:	
Protective Equipment	Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

16. 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 ScienceLab.com 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 ScienceLab.com has been advised of the possibility of such damages.

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