Material Safety Data Sheet

Lime Stone (RXSOL-81-8115-025)

1. Product and Company Identifaction

Product Name	RXSOL-81-8115-025
Product Type	Lime Stone

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
Limestone	1317-65-3	80-99
Silicon Dioxide*, SiO_2	14808-60-7	0-10
Aluminum Oxide, Al_2O_3	1344-28-1	1
Ferric Oxide, Fe_2O_3	1309-37-1	1
Magnesium Oxide, MgO	1309-48-4	0-8
Calcium Oxide, CaO	1305-78-8	0-43
Sodium Oxide, Na_2O	1313-59-3	1
Potassium Oxide, K_2O	12136-45-7	1
Calcium Carbonate, $CaCO_3$	471-34-1	40-100

3. Hazards Identification

Eyes	Direct contact with dust may cause irritation by mechanical abrasion. Conjunctivitis may occur.
INHALATION	Dusts may irritate the nose, throat, and respiratory tract by mechanical abrasion or corrosive action.Coughing, sneezing, chest pain, shortness of breath, inflammation of mucous membrane, and flu-like fever may occur following exposures in excess of appropriate exposure limits. Repeated excessive exposure may cause pneumoconiosis, such as silicosis and other respiratory effects.
Skin	Direct contact may cause irritation by mechanical abrasion. Some c omponents of m aterial are also known to cause mild corrosive effects to skin and mucous membranes.
SKIN ABSORPTION	Not expected to be a significant exposure route.
INGESTION	Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury. Ingestion of large amounts may cause gastrointestinal irritation and blockage.

4. First Aid Measures

Eye Contact	Immediately flush eye(s) with plenty of clean water for at least 15 minutes, while holding the eyelid(s) open.Occasionally lift the eyelid(s) to ensure thorough rinsing. Beyond flushing, do not attempt to remove material from the eye(s). Contact a physician if irritation persists or develops later.
Skin Contact	Wash with soap and water. Contact a physician if irritation persists or develops later.
Inhalation	Remove to fresh air. Dust in throat and nasal passages should clear spontaneously. Contact a physician if irritation persists or develops later.
Ingestion	If person is conscious, give a large quantity of water and induce vomiting; however, never attempt to make an unconscious person drink or vomit. Get medical attention.

5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARD:
Contact with powerful oxidizing agents may cause fire and/or explosions (see Section X of this MSDS).

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Persons involved in cleaning should first follow the precautions defined in Section VII of the MSDS. Spilled materials, where dust can be generated, may overexpose cleanup personnel to respirable quartz-containing dust. Wetting of spilled material and/or use of respiratory protective equipment may be necessary. Do not dry sweep spilled material. This product is not subject to the reporting requirements of Title III of SARA, 1986, and 40 CFR 372.

7. Handling and Storage

This product is not intended or designed for, and should not be used as an abrasive blasting medium or for foundry applications.Follow protective

controls set forth in Section VIII of this MSDS when handling this product. Respirable quartz-containing dust may be generated during processing,

handling and storage. Do not breathe dust. Avoid contact with skin and eyes. Do not store near food or beverages or smoking materials.

Do not stand on piles of materials; it may be unstable.

8. Exposure controls and personal protection

Ventilation	Use local exhaust, general ventilation or natural ventilation adequate to maintain exposures below appropriate exposure limits. If a person breathes large amounts of this material, move the exposed person to fresh air at once; other measures are usually unnecessary.
Other control measures	Respirable dust and quartz levels should be monitored regularly. Dust and quartz levels in excess of appropriate exposure limits should be reduced by all feasible engineering controls, including (but not limited to) dust suppression (wetting), ventilation, process enclosure, and enclosed employee work stations.
EYE/FACE PROTECTION	Safety glasses with side shields should be worn as minimum protection. Dust goggles should be worn when excessively (visible) dusty conditions are present or are anticipated. If product contacts the eyes, immediately wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Get medical attention immediately. Contact lenses should not be worn when working with this material.
SKIN PROTECTION	No personal protection recommended

9. Physical and chemical properties

APPEARANCE AND ODOR	Angular gray, white and tan particles ranging in size From powder to boulders. No odor.
BOILING POINT	N/A
VAPOR PRESSURE	N/A
EVAPORATION RATE	0
VAPOR DENSITY IN AIR (AIR = 1)	N/A
% VOLATILE, BY VOLUME	0%
SOLUBILITY IN WATER	Negligible

10. Stability and reactivity

Stability	Stable
Conditions to Avoid	Contact with incompatible materials (see below).

INCOMPATIBILITY (Materials to avoid)	Contact with powerful oxidizing agents such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride, and oxygen difluoride may cause fire and/or explosions. Silica dissolves in hydrofluoric acid producing a corrosive gas- silicon tetra fluoride.

11. Toxicological information

Eyes	Direct contact with dust may cause irritation by mechanical abrasion. Conjunctivitis may occur.
INHALATION	Dusts may irritate the nose, throat, and respiratory tract by mechanical abrasion or corrosive action.Coughing, sneezing, chest pain, shortness of breath, inflammation of mucous membrane, and flu-like fever may occur following exposures in excess of appropriate exposure limits. Repeated excessive exposure may cause pneumoconiosis, such as silicosis and other respiratory effects.
Skin	Direct contact may cause irritation by mechanical abrasion. Some c omponents of m aterial are also known to cause mild corrosive effects to skin and mucous membranes.
SKIN ABSORPTION	Not expected to be a significant exposure route.
INGESTION	Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury. Ingestion of large amounts may cause gastrointestinal irritation and blockage.

12. Ecological information

NA

13. Disposal considerations

Waste Disposal	Collect and reuse clean materials. Dispose of waste materials only in accordance with applicable federal, state, and local laws and regulations.

14. Transport information

NA

15. Regulatory information

NA

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.

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.