

SOAP MAN - MATERIAL SAFETY DATA SHEET

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Section 1 - Product Identification

Manufacturer: Royal Solutions, Inc. 16057 Foothill Blvd. Inwoodale, CA 91702 800-535-5053
 Product Code: 4002-45
 Product Name: Concrete Cleaner
 Product Class:
 Date Prepared: 6/12/6

Section 2 - Hazardous Ingredients

Ingredient	CAS Number	%	Occupational Exposure Limits			Vapor Pressure Mm Hg
			PEL	TLV	TWA	
Sodium metasilicate	6834-92-0	<10				
Glycol Ether EB	111-76-2	0-5	25			

Section 3 - Physical Data

Solubility in Water	% Volatile By Weight	Specific Gravity (water = 1)	Evaporation Rate
Complete	ND	ND	ND
Boiling Point	Vapor Pressure	Vapor Density	Melting Or Freezing Point
ND	ND	ND	ND
Appearance	Odor	pH	Viscosity
Orange powder	Mild odor	12.25+ .5	ND

Section 4 - Fire And Explosion Hazard Data

Flash Point	Auto Ignition Temp.	Lower Explosion Limit	Upper Explosion Limit
ND	ND	ND	ND
Extinguishing Media	Normal fire fighting procedures may be used. Cool and use caution when approaching or handling fire exposed containers.		
<input checked="" type="checkbox"/> Foam <input checked="" type="checkbox"/> CO2 <input checked="" type="checkbox"/> Dry Chemical <input checked="" type="checkbox"/> Water Fog <input type="checkbox"/> Other	None noted		
Unusual Fire and Explosion Hazards	None noted		

Section 5 - Health Hazard Data

Effects of Overexposure
 Eyes: Mild irritation
 Skin: Possible skin rash
 Inhalation: Product spray or mist may cause irritation to nose, throat and lungs, if adequate ventilation is not employed.
 Ingestion: Cause irritation and nausea if taken internally.
Chronic Effects:
 Primary Routes of Entry:
Emergency and First Aid Procedures
 Eyes: Flush eyes with water for 15 minutes. Occasionally raise upper and lower lids. Consult a physician.
 Skin: Wash skin thoroughly for 15 minutes. Remove affected clothing. Do not reuse until professionally laundered.
 Inhalation: Consult a physician
 Ingestion: If difficulty or discomfort in breathing is experienced, remove to fresh air and get medical attention.
 Ingestion: Do not induce vomiting. Drink large quantities of water or milk. Call a physician.

Section 6 - Reactivity Data

Stability	Conditions To Avoid	None noted
<input checked="" type="checkbox"/> Stable		
Hazardous Polymerization	Conditions To Avoid	None noted
May Occur		
Hazardous Decomposition Byproducts	When exposed to fire, produces normal products of combustion.	
Materials to Avoid	Moisture	

Section 7 - Precautions For Safe Handling And Use

Steps to be Taken in Case Material is Released or Spilled

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Small Spills:
Large Spills:
Disposal:

Sweep up and Containerize. Rinse affected area with water.

For undiluted material disposal is regulated under the Resource Conservation and Recovery act as corrosive waste. Disposal for regulated quantities by neutralization at a permitted facility in accordance with all federal, state and local regulations. Keep undiluted material out of the sewer system and water system.

Handling and Storing:
Other Precautions:

Section 8 - Special Protection Information

Respiratory Protection: No special requirements under normal use. If mist/vapors are not adequately controlled by local ventilation, use appropriate respiratory protection to prevent overexposure.
Normal room ventilation should be adequate.

Ventilation:
Local Exhaust:
Mechanical:

Special:
Other:

Protective Gloves: Rubber or PVC
Eye Protection: Splash proof goggles where eye contact may occur.
Other Protective Clothing or Equipment: Rubber or PVC apron.
Work/Hygienic Practices:

Section 9 - Special Precautions

Precautionary Labeling: Keep out of reach of children. Avoid eye contact. Wash hand after using material.
Handling and Storage: Store in a cool dry area.

Section 10 - Additional Information

Containers, even those that have been emptied, will retain product residue and vapors: Always obey hazard warnings and handle empty containers as if they are full.

Section 11 - HMIS Health Hazard Rating

0 - Insignificant		1 - Slight		2 - Moderate		3 - High		4 - Extreme	
Health	1	Fire	0	Reactivity	1	Special	0		

Notice: All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guaranty as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product.

N/D -- No Data Available

NA -- Not Applicable