

# Material Safety Datasheet

## Company Details

<b><u>Name</u></b>	<b>BLYCHEM</b>		
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## 1. Product and Company Identification

<b><u>Trade / Commercial Name</u></b>	<b>Prosol</b>
<b><u>Chemical Family</u></b>	<b>Slightly Alkaline solution</b>

## 2. Composition

<b><u>Hazardous Components</u></b>	<b>Sodium Metasilicate 1-5% CAS No-10213-79-3</b>
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## 3. Hazards Identification

Poisonous if inhaled or swallowed.  
Skin contact poisonous.  
Contact could cause burns eyes.  
Fire could produce irritating or poisonous gases.  
Breathing high concentrations may cause coughing or sneezing.  
Ingestion: burns of mouth.

## 4. First Aid Measures

<b><u>First Aid Eyes</u></b>	<b>Flush eyes with water for 15 minutes. Hold eyelids open while washing.</b>
<b><u>First Aid Ingested</u></b>	<b>Do not induce vomiting.</b>

## 5. Fire Fighting Measures

Flammability: flammable  
Extinguishing Media: In the vent of fire the product is compatible with water, foam, carbon dioxide or dry powder extinguishers.  
Exposure Hazards: None known  
Protective Equipment: Fire-fighters should wear self-contained breathing apparatus and suitable protective clothing including gloves and eye/face protection

Hazardous combustion products: Toxic and irritate fumes may be given off when heated to decomposition.

## 6. Accidental Release Measures

Full protective clothing including breathing apparatus  
Dilute (substance may be washed to drain with a lot of water)

### PRECAUTIONS:

Restrict access to area.  
Provide adequate protective equipment and ventilation.  
Remove sources of heat and flame.  
Notify occupational and environmental authorities.

### SPILL OR LEAK:

Do not touch spilled material.  
Stop leak if you can do it without risk.

## 7. Handling And Storage

Handling: Avoid contact with eyes. Wear suitable protective clothing, gloves and eye/face protection. Always add the product to water(not vice versa).

Storage: Store in original containers in a cool, dry place. Avoid extremes of temperature.

## 8. Exposure Controls/Personal Protection

Occupational Exposure Limits NA

### Controls

The control measures appropriate for a particular worksite depend on how this material is used and on the extent of exposure.

Have a safety shower/eye wash fountain readily available in the immediate work area

### Personal Protection

Wear suitable personal protection equipment, including chemical safety.

Have appropriate equipment available for use in emergencies.

## 9. Physical & Chemical Properties

Clear transparent liquid

pH : 8-9

## 10. Stability And Reactivity

### Conditions to Avoid

Risk of violent reaction.

### Incompatible Materials

Reactivity: Strong acid .

### Other

**11. Toxicological Information**

Eyes: Causes burns.  
Ingestion: causes burns

**12. Ecological Information**

The only potential hazard is from the alkalinity of the product

**13. Disposal Considerations**

<u>Disposal Method Product</u>	We recommend that you contact the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.
<u>Disposal Method Packaging</u>	Disposal in accordance with local legal provisions.

**14. Regulatory Information**

<u>EEC Hazard Classification</u>	Fammable
<u>Risk Phases</u>	None
<u>Safety Phases</u>	Keep out of reach of children In case of contact with eyes, rinse immediately with plenty of water and seek medical advise. Wear suitable protective clothing, gloves.

**15. Transport Information**

No regulation

**16. Other Information**

Handle and apply only as recommended.  
The information contained herein is based on the present state of our knowledge.  
It characterizes the product with regard to the appropriate safety precautions.  
It does not represent a guarantee of the properness of the product.

**Date prepared:** July 2009

**Date revised:** January 2012