



TRADE NAME : **PURIGO -5S**

1.1 Chemical

A blend of Sodium Sillicate.

1.2 Product Description

Surface hardener and dust proofer.

Characterization :

Form: Liquid

Color: Yellowosh.

Odor: Non.

2. Physical Data and Safety Data

Density 20° C Approx 1.0 kg./l

PH value 20° C N/A

Water solubility Insoluble.

Flash Point > 75 ° C

Ignition temp. N/A

Explosion limites Non.

Hazardous decomposition products Non.

Hazardous Reactions Non hazardous.

Boiling point ~ 98 ° C

3. Safety Precautions

Avoid contact with skin and eyes.

Flammable.

4. Protective measures storage and handling

4.1 Technical protective measures

Don't pour into drain or soil but according to local regulations.

Store in cool, dry, well ventilated area in at temperature between +5 ° C and 35 ° C.

Keep container tightly closed.

4.2 Personal Protective Equipment

Respiratory protection: required if used confined areas or if ventilation is inadequate.

Eye Protection: goggles or safety glasses with side screens.

Hand Protection: Gloves. E.g. rubber , minimum thickness 1.4 mm

Others : Experts always wear the right protective clothing

4.3 Industrial Hygiene

Don't use solvent to clean the skin. Don't smoke in working area. Remove contaminated clothing without delay.

4.4 Protection Against Fire and Explosion

See above points.

4.5 Disposal

Absorb the chemical spillage with water or dry sand. Place in polythene bags for disposal to an authorized waste site. Wash the area with strong industrial detergent and hot water/steam.



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5. First Aid:

In case of contact with eyes. Rinse immediately under running water for 15 minutes with eyelids open. Seek medical advice.

Take off immediately all contaminated clothing. Wash contaminated skin with plenty of soap and water.

If swallowed, drink copious amounts of water without delay and seek medical advice. Do not induce vomiting.

6. Transport

Non-hazardous.

7. Toxicology

Non-toxic under relevant health and safety codes.

8. Ecology

Don't release into water supplies or the ground. In cured state the product is not known to cause an adverse environmental effect. Because of the high pH value the product can be injurious to aquatic life.

9. Stability and reactivity

Chemical stability

This material is thermally stable when stored and used as directed.

Conditions to avoid:

Evaluated temperatures.

Incompatible Materials:

No information available.

Hazardous decomposition products:

Oxides of carbon, smoke and other toxic fumes.

Hazardous reactions:

No information available.

10. Disposal considerations

Refer to State/Territory Land Waste Management Authority.



11. Regulatory information

Poisons Schedule (Aust):
Not applicable.

12. Handling and storage

Handling :

Avoid skin and eye contact.

Storage:

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in section 9. keep containers closed when not in use – check regularly for leaks.

13. Exposure controls/personal protection

National occupational exposure limits:
No value assigned for this specific material

Biological limit values:

As per the " National Model Regulations for the control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]" the ingredients in this material do not have a Biological Limit Allocated.

Engineering measures:

Provide exhaust ventilation where operating conditions may create excessive work place vapor or mists.

Personal protection equipment:

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear overalls, safety glasses and impervious gloves.

14. Fire-fighting measures:

14.1 After spillage or leakage

Take steps to prevent pollution of drainage systems.

Absorb the chemical spillage with water or dry sand. Place in polythene bags for disposal to an authorized waste site. Wash the area with strong industrial detergent and water.

14.2 Extinguish media: CO₂ , Foam , Dry powder



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15. Hazard identification

Hazard Category:

Risk Phrase(s) :

Safety Phrase(s):

16. Consumption/information on ingredients

Chemical characterization:

A blend of Sodium Silicate.

Hazardous ingredients:

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