

MATERIAL SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET	No.: 00015 Date issued: 18/02/2020 Page: 1 of: 4								
COMPANY DETAILS									
Name: Laundry Solutions 360 Commercial (PTY)LTD	Emergency tel.no: 060 980 0628								
Address: 16 Pressburg RD, Founders View North Modderfontein, 1645	Telephone no.: 010 900 3888								
1. Product and Company Identification (page 1 may be used as a safety sheet)									
Trade name: XPELL	Chemical abstract no.: N/A								
Chemical family: INDUSTRIAL LAUNDRY DETERGENT	NOISH no.: N/A								
Chemical name: N/A	UN no.: None								
2. Composition									
Hazardous components: Sodium Metasilicate									
EEC Classification: N/A									
R Phrases: R36/R38									
<table border="1"><thead><tr><th>Chemical Name</th><th>Concentration</th></tr></thead><tbody><tr><td>Sodium Metasilicate</td><td>40 – 60 %</td></tr><tr><td>Sodium Sulphate</td><td>15 – 25 %</td></tr><tr><td>Non-ionic</td><td>5 – 15 %</td></tr></tbody></table>	Chemical Name	Concentration	Sodium Metasilicate	40 – 60 %	Sodium Sulphate	15 – 25 %	Non-ionic	5 – 15 %	
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Sodium Metasilicate	40 – 60 %								
Sodium Sulphate	15 – 25 %								
Non-ionic	5 – 15 %								
3. Hazards Identification									
Main hazard: IRRITANT									
Chemical hazard: IRRITANT									
Eye effects (eyes): IRRITANT									
Health effects (skin): IRRITANT									
Health effects (ingestion): IRRITANT									
Health effects (inhalation): IRRITANT									
4. First Aid Measures									
Eye contact: Immediately flush eyes with running water for at least 15 minutes, whilst keeping eyes open.									
Skin contact: Remove contaminated clothing, flush skin with water, then wash with soap and water.									
Ingestion: If person is fully conscious, make him / her drink water. Call a doctor immediately.									
Inhalation: N/A.									

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5. Fire Fighting Measures	
Extinguishing media: Dry chemical, CO ₂ or water spray. Special hazards: Corrosive solutions could be formed in the presence of water. Protective clothing: Gloves, goggles, respirator with a particle filter.	
6. Accidental Release Measures	
Personal precautions: Avoid contact with skin and eyes – wear protective clothing. Environmental precautions: Contain the spilled material by damming. Small spills: Sweep up or vacuum product. Large spills: Neutralise first with acid, sweep up, then wash with large amounts of water.	
7. Handling and Storage	
Suitable material: Plastic or paper. Handling / storage precautions: Product must be kept in original containers. Keep protected from humidity.	
8. Exposure Controls / Personal Protection	
Occupational exposure limits: Not known Engineering control measures: Extraction to remove dust at it's source. Personal protection – respiratory: Not necessary. Personal protection - hands: Gloves Personal protection - eyes: Safety goggles. Personal protection - skin: Gloves Other protection: N/A	
9. Physical and Chemical Properties	
Appearance: White to off white moist granules. Odour: None pH: 2% solution 12.6 Boiling point: N/A Melting point: N/A Flash point: N/A Flammability: Not flammable Auto flammability: N/A	

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9. Physical and Chemical Properties (continue)	
Explosive properties: N/A Oxidizing properties: Non-oxidising Vapour pressure: N/A Bulk Density: +/- 1.8 g/ml Solubility – water: 30% Solubility – solvent: Insoluble Solubility – coefficient: Not known Neurotoxicity: Not known	
10. Stability and Reactivity	
Conditions to avoid: Contact with acids. Incompatible materials: Acids Hazardous decomposition products: None	
11. Toxicological Information	
Acute toxicity: LD 50 oral (rat) 2200 mg/kg. Skin and eye contact: Irritant to skin and mucous membranes. Chronic toxicity: Not tested Carcinogenicity: Not tested Mutagenicity: Not tested Reproductive hazards: Not tested	
12. Ecological Information – no information found	
Aquatic toxicity - fish: Aquatic toxicity - daphnia: Aquatic toxicity - algae: Biodegradability:	
13. Disposal Considerations	
Disposal methods: Neutralise prior to disposal (pH between 5.5 – 8.5). Disposal of packaging: Incinerate bags.	

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14. Transport Information – not a dangerous substance under the current transport regulations.	
UN no.: None Class no.: N/A Danger group: N/A Subsidiary risk.: N/A	
15. Regulatory Information	
EEC hazard classification: None Risk phases: R36/R38 Safety phases: S8, S24/25 National legislation:	
16. Other Information	
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All information given here is based on our current knowledge and is given in good faith. The company cannot be held responsible for errors or omissions or the consequences thereof.