

Material Safety Data Sheet

Section 1 Chemical Product and Company Identification

Company Details

Name	Siviko Chemicals
Address	47 Newark Street, Centurion, Gauteng
Emergency Contact Details	082 580-7296

Product Details

Trade Name	Laundry Detergent	Chemical Abstract No.	N/A
Chemical Family	Laundry Detergent	NIOSH No.	N/A
Chemical Name	N/A	Hazchem Code	Irritant
Synonyms	N/A	Department	N/A

Section 2 Composition, Information of Ingredients

Component	Percentage (%)	EEC Classification	R Phrases
Sodium Metasilicate	10% - 30%	N/A	36, 37

Section 3 Hazardous Identification Summary

Main Hazard	Irritant	Flammability	Nil
Chemical Hazard	Nil	Biological Hazard	Nil
Reproduction Hazard	Nil	Carcinogenicity	Nil
Mutagenicity	Nil	Neurotoxicity	Nil

Acute Effects	Effect
Inhalation	Irritant
Eye	Irritant
Skin	Irritant
Ingestion	Nausea

Section 4 **First Aid Measures**

Eye contact	Flush eyes with abundantly amounts of water. Obtain medical attention if irritation persists
Skin contact	Wash affected areas with soap and water
Ingestion	Give milk to drink. Do not induce vomiting
Inhalation	Rest in a well ventilated area

Section 5 **Fire Fighting Measures**

Extinguishing media	N/A
Special Hazard	None
Protective clothing	None

Section 6 **Accidental Release Measures**

Personal precautions	N/A
Environmental precautions	N/A
Small spills	Flush with water to drain
Large spills	Sweep up and return to original container

Section 7 **Handling and Storage**

Suitable material	Laminated bags
Handling / Storage precautions	Cool dry place

Section 8 Exposure Control / Personal Protection

Occupational Exposure Limits	N/A
Engineering Control Measures	N/A

Area of Personal Protection	Equipment Required
Respiratory	N/A
Hands	N/A
Eyes	N/A
Skin	N/A
Other Protection	N/A

Section 9 Physical and Chemical Properties

Appearance	White powder
Odour	Lemon
pH	1% 11.5 – 12.5
Boiling Point	N/A
Melting Point	N/A
Flash Point	N/A
Flammability	N/A
Auto Flammability	N/A
Explosive Properties	Nil
Oxidizing Properties	Nil
Vapour Pressure	N/A
Density	N/A
Neurotoxicity	Completely
Water Solubility	Partial
Solvent Solubility	Not known
Solubility Coefficient	Nil

Section 10 **Stability and Reactivity**

Conditions to avoid	Damp conditions
Incompatible Materials	N/A
Hazardous decomposition products	N/A

Section 11 **Toxicological Information**

Acute Toxicity	N/A
Skin and Eye Contact	Irritant
Chronic Toxicity	Nil
Carcinogenicity	Nil
Mutagenicity	Nil
Reproduction Hazards	Nil

Section 12 **Ecological Information**

Aquatic Toxicity to Fish	Non toxic
Aquatic Toxicity to Daphnia	Non toxic
Aquatic Toxicity to Algae	Non toxic
Biodegradability	Yes
Bio-accumulation	No
Mobility	Not investigated
German wgk	No

Section 13 **Disposal Considerations**

Disposal Methods	Non specific
Disposal of Packaging	Non specific

Section 14

Transport Information

UN no	N/A
Substance identity No	N/A
ADR / RID class	N/A
ADR / RID item no	N/A
ADR / RID hazard identity no	N/A
IMDG Class	III
IMDG Packaging Group	9
IMDG Marine Pollutant	N/A
IMDG EMS no	N/A
IMDG MFAG table no	N/A
IMDG Shipping name	N/A
IATA Class	N/A
IATA Shipping name	N/A
IATA Subsidiary risk(s)	N/A
ADNR	N/A
UK Description	N/A
UK Emergency action class	N/A
UK Classification	N/A

Section 15

Regulatory Information

EEC Hazard classification	N/A
Risk Phases	36, 37
Safety Phases	8, 22, 25
National Legislation	N/A

Section 16

Manufacturing Information

Manufacturers Name	Chemical Convertors (Pty) Ltd
Manufacturers Address	7 Derrick Road Spartan
Manufacturers Tel	(011) 970-2023/4/5/6/7
Manufacturers Product Code	223XA
Manufacturers Product Name	Laundry Detergent
Manufacturers Document Name	223XA
Manufacturers Document Issue Date	2018/01/11

Section 17

Other Information

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Emergency Response Summary

Product Name	Laundry Detergent
---------------------	-------------------

First Aid Measures

Eye contact	Flush eyes with abundantly amounts of water. Obtain medical attention if irritation persists
Skin contact	Wash affected areas with soap and water
Ingestion	Give milk to drink. Do not induce vomiting
Inhalation	Rest in a well ventilated area

Fire Fighting Measures

Extinguishing media	N/A
Special Hazard	None
Protective clothing	None

Accidental Release Measures

Personal precautions	N/A
Environmental precautions	N/A
Small spills	Flush with water to drain
Large spills	Sweep up and return to original container