

# Material Safety Data Sheet

## Section 1 Chemical Product and Company Identification

### Company Details

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

### Product Details

<b>Trade Name</b>	Descaler	<b>Chemical Abstract No.</b>	N/A
<b>Chemical Family</b>	Descaler	<b>NIOSH No.</b>	N/A
<b>Chemical Name</b>	Weak acid	<b>Hazchem Code</b>	2t
<b>Synonyms</b>	Sulphuric acid	<b>Department</b>	N/A

## Section 2 Composition, Information of Ingredients

Component	Percentage (%)	EEC Classification	R Phrases
Sulphamic acid solution	< 20%	N/A	R 36, 38

## Section 3 Hazardous Identification Summary

<b>Main Hazard</b>	Corrosive	<b>Flammability</b>	Nil
<b>Chemical Hazard</b>	Corrosive	<b>Biological Hazard</b>	Not known
<b>Reproduction Hazard</b>	Not known	<b>Carcinogenicity</b>	Not known
<b>Mutagenicity</b>	Not known	<b>Neurotoxicity</b>	Not known

Acute Effects	Effect
<b>Inhalation</b>	No risk
<b>Eye</b>	Strong irritant
<b>Skin</b>	Irritant
<b>Ingestion</b>	Irritant

#### Section 4 First Aid Measures

<b>Eye contact</b>	Flush eyes with abundantly amounts of water Rinse with sodium bicarbonate solution Obtain immediate medical attention
<b>Skin contact</b>	Wash affected areas with soap and water
<b>Ingestion</b>	Give milk to drink Do not induce vomiting Obtain immediate medical attention
<b>Inhalation</b>	No risk

#### Section 5 Fire Fighting Measures

<b>Extinguishing media</b>	N/A
<b>Special Hazard</b>	None
<b>Protective clothing</b>	None

#### Section 6 Accidental Release Measures

<b>Personal precautions</b>	Avoid skin contact
<b>Environmental precautions</b>	N/A
<b>Small spills</b>	Flush with water to drain
<b>Large spills</b>	Cover with sand Call approved disposal professional

#### Section 7 Handling and Storage

<b>Suitable material</b>	Plastic Container
<b>Handling / Storage precautions</b>	Cool place

## Section 8 Exposure Control / Personal Protection

<b>Occupational Exposure Limits</b>	N/A
<b>Engineering Control Measures</b>	N/A

<b>Area of Personal Protection</b>	<b>Equipment Required</b>
<b>Respiratory</b>	No risk
<b>Hands</b>	PVC gloves
<b>Eyes</b>	Safety goggles
<b>Skin</b>	Overall
<b>Other Protection</b>	N/A

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Clear liquid
<b>Odour</b>	Nil
<b>pH</b>	< 2.0
<b>Boiling Point</b>	>100°C
<b>Melting Point</b>	N/A
<b>Flash Point</b>	Nil
<b>Flammability</b>	Nil
<b>Auto Flammability</b>	Nil
<b>Explosive Properties</b>	Nil
<b>Oxidizing Properties</b>	Nil
<b>Vapour Pressure</b>	N/A
<b>Density</b>	1.16
<b>Neurotoxicity</b>	Not known
<b>Water Solubility</b>	Completely
<b>Solvent Solubility</b>	Insoluble
<b>Solubility Coefficient</b>	Nil

## Section 10 Stability and Reactivity

<b>Conditions to avoid</b>	Heat
<b>Incompatible Materials</b>	Stable
<b>Hazardous decomposition products</b>	N/A

## Section 11 Toxicological Information

<b>Acute Toxicity</b>	Oral Rat 15000 mg/kg
<b>Skin and Eye Contact</b>	Strong irritant
<b>Chronic Toxicity</b>	Not known
<b>Carcinogenicity</b>	Nil
<b>Mutagenicity</b>	Nil
<b>Reproduction Hazards</b>	Nil

## Section 12 Ecological Information

<b>Aquatic Toxicity to Fish</b>	Assumed toxic
<b>Aquatic Toxicity to Daphnia</b>	Assumed toxic
<b>Aquatic Toxicity to Algae</b>	Assumed toxic
<b>Biodegradability</b>	Yes
<b>Bio-accumulation</b>	Nil
<b>Mobility</b>	Not known
<b>German wgk</b>	Not known

## Section 13 Disposal Considerations

<b>Disposal Methods</b>	Specialised waste disposal
<b>Disposal of Packaging</b>	Rinse first with water

**Section 14**                      **Transport Information**

<b>UN no</b>	2967
<b>Substance identity No</b>	N/A
<b>ADR / RID class</b>	N/A
<b>ADR / RID item no</b>	N/A
<b>ADR / RID hazard identity no</b>	N/A
<b>IMDG Class</b>	8219
<b>IMDG Packaging Group</b>	III
<b>IMDG Marine Pollutant</b>	Yes
<b>IMDG EMS no</b>	N/A
<b>IMDG MFAG table no</b>	N/A
<b>IMDG Shipping name</b>	N/A
<b>IATA Class</b>	N/A
<b>IATA Shipping name</b>	N/A
<b>IATA Subsidiary risk(s)</b>	N/A
<b>ADNR</b>	N/A
<b>UK Description</b>	N/A
<b>UK Emergency action class</b>	8.0
<b>UK Classification</b>	Corrosive group III

**Section 15**                      **Regulatory Information**

<b>EEC Hazard classification</b>	8
<b>Risk Phases</b>	R 36, 38
<b>Safety Phases</b>	24, 25, 26, 46
<b>National Legislation</b>	N/A

**Section 16** **Manufacturing Information**

<b>Manufacturers Name</b>	Chemical Convertors (Pty) Ltd
<b>Manufacturers Address</b>	7 Derrick Road Spartan
<b>Manufacturers Tel</b>	(011) 970-2023/4/5/6/7
<b>Manufacturers Product Code</b>	417XA
<b>Manufacturers Product Name</b>	Descaler
<b>Manufacturers Document Name</b>	417XA
<b>Manufacturers Document Issue Date</b>	2018/06/08

**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

<b>Product Name</b>	Descaler
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### First Aid Measures

<b>Eye contact</b>	Flush eyes with abundantly amounts of water Rinse with sodium bicarbonate solution Obtain immediate medical attention
<b>Skin contact</b>	Wash affected areas with soap and water
<b>Ingestion</b>	Give milk to drink Do not induce vomiting Obtain immediate medical attention
<b>Inhalation</b>	No risk

### Fire Fighting Measures

<b>Extinguishing media</b>	N/A
<b>Special Hazard</b>	None
<b>Protective clothing</b>	None

### Accidental Release Measures

<b>Personal precautions</b>	Avoid skin contact
<b>Environmental precautions</b>	N/A
<b>Small spills</b>	Flush with water to drain
<b>Large spills</b>	Cover with sand Call approved disposal professional