

# 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 Identification

<b>Product Name</b>	Dishwashing Liquid
<b>Chemical Family</b>	Blend of chemicals
<b>Chemical Name</b>	950XA
<b>Product use</b>	Multipurpose grease cutter
<b>UN Number</b>	2586, 3082, 1824

## Section 2 Composition, Information of Ingredients

Component	Percentage (%)	EEC Classification	R Phrases
Sulphonic acid	< 20 %	N/A	R 22
Orange oil	< 10 %	N/A	R 36
Sodium hydroxide	< 5 %	N/A	R 38

## Section 3 Hazardous Identification Summary

<b>Main Hazard</b>	Irritant (Xi)	<b>Flammability</b>	Flammable
<b>Inhalation</b>	None	<b>Ingestion</b>	Slightly hazardous
<b>Skin Contact</b>	Slight irritant	<b>Eye Contact</b>	Irritant
<b>Chemical Hazard</b>	Irritant (Xi)	<b>Carcinogenicity</b>	None
<b>Mutagenicity</b>	Minor	<b>Neurotoxicity</b>	None

**Section 4** **First Aid Measures**

<b>Inhalation</b>	Slightly irritating. Remove patient to fresh air. Seek medical attention if symptoms persist
<b>Ingestion</b>	Plenty of water or milk to drink. Do not induce vomiting. Never give anything to eat or drink to an unconscious patient. Seek immediate medical attention.
<b>Skin contact</b>	Remove contaminated clothing and shoes. Rinse with plenty of water and wash with soap.
<b>Eye contact</b>	Immediately flush eyes with plenty of water. Continue rinsing for at least 10 minutes. Seek immediate medical attention.

**Section 5** **Fire Fighting Measures**

<b>Flammability</b>	Flammable
<b>Special Precautions</b>	In the event of presence of a fire - Slippery substance. Use water spray to cool down unbroken containers and move away from fire.
<b>Protective clothing</b>	Wear fully protective clothing
<b>Extinguishing Media</b>	Use water mist or spray, foam, carbon dioxide or dry chemical

**Section 6** **Accidental Release Measures**

<b>Spills</b>	Small Spills: Boom spill. Scoop up, return to waste disposal container and mop up. Large Spills: Move intact containers from spill area. Use booms or sand to absorb and prevent further spreading. Return to waste disposal container or dispose of via a licensed waste disposal contractor. Do not hose down sewers.
<b>Environmental precautions</b>	Prevent environmental contamination and spreading by using booms to contain spills.
<b>Personal precautions</b>	No action shall be taken involving any personal risk or without suitable. Avoid prolonged contact with skin, ingestion and eye contact. Keep out of reach of children.

## Section 7 Handling and Storage

<b>Suitable material</b>	Plastic containers
<b>Handling / Storage</b>	Store in a cool dry area in sealed containers

## Section 8 Exposure Control / Personal Protection

<b>Handling / Storage</b>	Normal and safe handling procedure for detergents.
<b>PPE</b>	Although no PPE is required, safety goggles can be worn to prevent eye contact.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Clear orange gel
<b>Odour</b>	Solvent / citrus
<b>S.G.</b>	1.00
<b>pH</b>	9.5 – 10.5
<b>Solubility - Water</b>	Completely
<b>Solubility - Solvent</b>	Partially

## Section 10 Stability and Reactivity

<b>Stability</b>	Stable under normal storage conditions
<b>Incompatible Materials</b>	Highly oxidising and highly alkaline agents

## Section 11 Toxicological Information

<b>Acute Toxicity</b>	Oral: LD50 Rat 960mg/kg
<b>Skin and Eye Contact</b>	Irritant
<b>Chronic Toxicity</b>	None
<b>Carcinogenicity</b>	Sulphonic acid is classified as an IARC category 1 for humans

## Section 12 Ecological Information

<b>Biodegradability</b>	Readily biodegradable
<b>Aquatic Toxicity to Fish</b>	LC50: Orange oil – 0.72mg/L 48H; Sulphonic acid – 1490 mg/L 96H
<b>Aquatic Toxicity to Daphnia</b>	EC50: Orange oil - 0.36mg/L 48H; Sulphonic acid – 1600 mg/L 45H
<b>Aquatic Toxicity to Algae</b>	EC50: Orange oil – Not available; Sulphonic acid – 911 mg/L 45H
<b>Bio-accumulation</b>	Little possibility of bio-accumulation

### Section 13 Disposal Considerations


<b>Disposal Methods</b>	Prevent from entering drain or soil. Incinerate or dispose of according to local authorities
<b>Disposal of Packaging</b>	Product is a water pollutant. Waste disposal company to dispose of according to local municipal regulations

### Section 14 Transport Information

<b>UN no</b>	3267
<b>Substance identity</b>	N/A
<b>ADR / RID class</b>	N/A
<b>IMDG Packaging Group</b>	II
<b>IMDG Marine Pollutant</b>	Yes
<b>IATA Classification Class</b>	N/A
<b>UK Emergency action class</b>	N/A
<b>UK Classification</b>	C7

## Section 15

### Regulatory Information

<b>Symbol</b>	
<b>EEC Hazard classification</b>	Irritant (Xi)
<b>Risk Phrases</b>	R 22, 36, 38
<b>Safety Phases</b>	N/A
<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>	950XA
<b>Manufacturers Product Name</b>	950XA
<b>Manufacturers Document Name</b>	950XA
<b>Manufacturers Document Issue Date</b>	2016/05/16

## 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.

#### **Abbreviations used**

GHS : Globally Harmonised System of Classification and Labeling of Chemicals

IBC : Intermediate Bulk Container

IMDG : International Maritime Dangerous Goods

MAPOL 73/78 : International Convention for the Prevention of Pollution from Ships

RID : The Regulations concerning the International Carriage of Dangerous Goods by Rail

## Emergency Response Summary

<b>Product Name</b>	Dishwashing Liquid
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