

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 Identification

Product Name	Dishwashing Liquid
Chemical Family	Non- ionic and Anionic surfactants
Chemical Name	Formulated Chemical
Product use	Dishwashing detergent
UN Number	3082 Miscellaneous substances

Section 2 Composition, Information of Ingredients

Component	Percentage (%)	EEC Classification	R Phrases
Nil	N/A	Irritant (Xi)	R 36

Section 3 Hazardous Identification Summary

Main Hazard	Irritant (Xi)	Flammability	Non-flammable
Inhalation	No risk	Ingestion	Irritant, Nausea
Skin Contact	Nil	Eye Contact	Irritant
Chemical Hazard	Nil	Carcinogenicity	Nil
Mutagenicity	Nil	Neurotoxicity	Nil

Section 4 First Aid Measures

Inhalation	No risk
Ingestion	Rinse mouth well with water and give patient as much water to drink as possible
Skin contact	No risk, rinse well with water
Eye contact	Irritant. Flush eyes with plenty of water. Seek medical attention if symptoms persist

Section 5 Fire Fighting Measures

Flammability	Non-flammable
Special Precautions	None
Protective clothing	Use approved SCBA (self- contained breathing apparatus)
Extinguishing Media	Use extinguishing media suitable for surrounding fire

Section 6 Accidental Release Measures

Spills	Perform an assessment of municipal drain regulations and the concentration of the product Flush to drain, however prevent large quantities of product being released into municipal drains
Environmental precautions	Prevent contamination of watercourses or soil with large quantities of concentrated product
Personal precautions	Avoid eye contact

Section 7 Handling and Storage

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

Section 8 Exposure Control / Personal Protection

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

Section 9 Physical and Chemical Properties

Appearance	Clear viscous, green liquid
Odour	Lemon
S.G.	1.03
pH	7.5 – 8.5
Solubility - Water	Completely
Solubility - Solvent	Partial

Section 10 Stability and Reactivity

Stability	Stable under normal conditions
Incompatible Materials	Strong acids and oxidants

Section 11 Toxicological Information

Acute Toxicity	N/A
Skin and Eye Contact	Eye irritant
Chronic Toxicity	Nil
Carcinogenicity	No evidence of carcinogenic properties

Section 12 Ecological Information

Biodegradability	Readily bio-degradable
Aquatic Toxicity to Fish	The product can be toxic to fish at high concentrations
Aquatic Toxicity to Daphnia	The product can be toxic to fish at high concentrations
Aquatic Toxicity to Algae	The product can be toxic to fish at high concentrations
Bio-accumulation	Little possibility of bio-accumulation

Section 13 Disposal Considerations


Disposal Methods	Dispose of the product according to local government regulations. When disposing of large quantities, the solubility / dilution rates of the product in water should be taken into consideration. This product causes foaming.
Disposal of Packaging	Packaging should be recycled or washed before re-using

Section 14 Transport Information

UN no	3082
Substance identity	975XA, Dishwashing liquid
ADR / RID class	Class 9: Irritant liquid
IMDG Packaging Group	III
IMDG Marine Pollutant	No
IATA Classification Class	Class 9, Irritant liquid
UK Emergency action class	N/A
UK Classification	N/A

Section 15

Regulatory Information

Symbol	
EEC Hazard classification	Irritant (Xi)
Risk Phrases	36
Safety Phases	S 1/2, 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	975XA
Manufacturers Product Name	Formulated Chemical
Manufacturers Document Name	975XA
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.

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

Product Name	Dishwashing Liquid
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First Aid Measures

Inhalation	No risk
Ingestion	Rinse mouth well with water and give patient as much water to drink as possible
Skin contact	No risk, rinse well with water
Eye contact	Irritant. Flush eyes with plenty of water. Seek medical attention if symptoms persist

Fire Fighting Measures

Extinguishing media	Non-flammable
Special Precautions	None
Protective clothing	Use approved SCBA (self- contained breathing apparatus)

Accidental Release Measures

Spills	Perform an assessment of municipal drain regulations and the concentration of the product Flush to drain, however prevent large quantities of product being released into municipal drains
Environmental precautions	Prevent contamination of watercourses or soil with large quantities of concentrated product
Personal precautions	Avoid eye contact