

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	Dishwashing liquid	Chemical Abstract No.	N/A
Chemical Family	Anionic / Non-ionic surfactant	NIOSH No.	N/A
Chemical Name	Formulated chemical	Hazchem Code	N/A
UN Number	3082 (Miscellaneous substances)	Department	N/A

Section 2 Composition, Information of Ingredients

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

Section 3 Hazardous Identification Summary

Main Hazard	Irritant	Flammability	Non-flammable
Chemical Hazard	Nil	Biological Hazard	Nil
Reproduction Hazard	Nil	Carcinogenicity	Nil
Mutagenicity	Nil	Neurotoxicity	Nil

Acute Effects	Effect
Inhalation	No effects
Eye	Irritant
Skin	No harmful effects
Ingestion	Nausea and possible vomiting

Section 4 First Aid Measures

Eye contact	Check for and remove contact lenses Flush eyes with abundantly amounts of water
Skin contact	Wash affected areas with soap and water
Ingestion	Give milk to drink. Do not induce vomiting
Inhalation	N/A

Section 5 Fire Fighting Measures

Extinguishing media	N/A
Special Hazard	None
Protective clothing	None

Section 6 Accidental Release Measures

Personal precautions	Avoid prolonged contact with products Product may render surfaces slippery
Environmental precautions	As per good environmental practices, prevent contamination of watercourses or ground with large quantities of undiluted product
Small spills	Remove excess with absorbent material and flush residue with plenty of water
Large spills	Contain spill with sand. Prevent discharge of large amounts of concentrated product into sewerage and watercourses

Section 7 Handling and Storage

Suitable material	Plastic containers
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	Amber liquid
Odour	None
pH	7.5 – 8.5
Boiling Point	+100°C
Melting Point	N/A
Flash Point	N/A
Flammability	N/A
Auto Flammability	N/A
Explosive Properties	Nil
Oxidizing Properties	Nil
Vapour Pressure	As for water
Density	10.3
Neurotoxicity	Completely
Water Solubility	Partial
Solvent Solubility	Not known
Solubility Coefficient	Nil

Section 10 Stability and Reactivity

Conditions to avoid	N/A
Incompatible Materials	Strong acids and oxidants
Hazardous decomposition products	When burning toxic fumes may be released

Section 11 Toxicological Information

Toxicity	The product is non-toxic when used as recommended
Skin and Eye Contact	Irritant
Acute Toxicity	LD50: >2000 mg/kg, Rat
Carcinogenicity	No evidence of carcinogenic properties
Mutagenicity	No evidence of mutagenic properties
Reproduction Hazards	Not expected to impair fertility

Section 12 Ecological Information

Aquatic Toxicity to Fish	The product can be toxic at excessive quantities
Aquatic Toxicity to Daphnia	The product can be toxic at excessive quantities
Aquatic Toxicity to Algae	The product can be toxic at excessive quantities
Biodegradability	Readily biodegradable
Bio-accumulation	No
Mobility	N/A
German wgk	N/A

Section 13 Disposal Considerations

Disposal Methods	Dispose of as per local government method
Disposal of Packaging	Recycle or wash thoroughly

Section 14 Transport Information

UN no	3082
Substance identity No	704XA
ADR / RID class	Irritant
ADR / RID item no	N/A
ADR / RID hazard identity no	N/A
IMDG Class	9
IMDG Packaging Group	III
IMDG Marine Pollutant	No
IMDG EMS no	N/A
IMDG MFAG table no	N/A
IMDG Shipping name	Irritant liquid
IATA Class	9
IATA Shipping name	Irritant liquid
IATA Subsidiary risk(s)	Irritant liquid
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
Safety Phases	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	704XA
Manufacturers Product Name	Anionic / non-ionic sufactant
Manufacturers Document Name	704XA
Manufacturers Document Issue Date	2018/09/13

Section 17 Other Information

704XA is a dishwashing detergent and should be treated as such

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	Anionic / Non-ionic surfactant
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First Aid Measures

Eye contact	Check for and remove contact lenses Flush eyes with abundantly amounts of water
Skin contact	Wash affected areas with soap and water
Ingestion	Give milk to drink. Do not induce vomiting
Inhalation	N/A

Fire Fighting Measures

Extinguishing media	N/A
Special Hazard	None
Protective clothing	None

Accidental Release Measures

Personal precautions	Avoid prolonged contact with products Product may render surfaces slippery
Environmental precautions	As per good environmental practices, prevent contamination of watercourses or ground with large quantities of undiluted product
Small spills	Remove excess with absorbent material and flush residue with plenty of water
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