

# MATERIAL SAFETY DATA SHEET



Description: SAF WASH Revision Number: 02

Document Number: MSDS W003

## GENERAL

SAF-WASH is a perfumed, low foaming washing powder suitable for automatic washing machines.

## FORMULATION

SAF-WASH contains alkalis, phosphates, water softener, detergents, sequestering agents, optical brightness and perfume.

## PRODUCT DESCRIPTION

TEST	SPECIFICATIONS
Appearance	Free flowing white powder
pH (1%)	11,0 - 11,2
Solubility	100%

## PROPERTIES

- \* Low foaming powder - suitable for automatic machines.
- \* Highly concentrated - economical to use.
- \* High activity in cold or hot water.

## APPLICATION

1. Separate colours and whites.
2. To avoid discoloration do not soak articles with metal zips or buttons longer than one hour.
3. Add 150 - 400 grams to 50kg dry weight or into the powder dispenser of the machine, depending on the load.
4. Hot water normally gives best results provided the material can be safely washed.

Prepared by: Sabelo Dladla  
Reviewed by: Doug Cutter  
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### SAFETY

1. Keep out of reach of children.
3. If you have sensitive skin, wash your hands after contact with this detergent.

THE RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON LABORATORY TEST AND IN-FIELD USE EXPERIENCE, AND ARE TO THE BEST OF OUR KNOWLEDGE, ACCURATE. SINCE CONDITIONS OF ACTUAL USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS ARE MADE WITHOUT WARRANTY, EXPRESS OR IMPLIED

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## Company Details

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Postal Address	PO BOX 1754, Alberton North, 1450	e-mail:	<a href="mailto:technical@safic.co.za">technical@safic.co.za</a>

## 1. Product Identification

Trade Name	SAF – WASH	Product Code:	W003
Chemical Family	Sodium carbonate, salts and surfactants		
Chemical Name	Formulated chemical		
Product Use	Washing powder		

## 2. Composition

CAS No.	Hazardous Components	Approx %	OSHA PEL
497-19-8	Sodium carbonate	>30	Nuisance Dust – 5 mg/m <sup>3</sup> , (respirable fraction) 15 mg/m <sup>3</sup>
EEC - Classification	Irritant (Xi)		
R Phrases	R36		

## 3. Hazards Identification

Main hazard	Irritant, burning sensation on eyes
Inhalation	No effect, avoid breathing dust
Skin contact	Irritant, prolonged exposure may result to drying of skin.
Eye contact	Burning, irritant
Ingestion	Nausea, vomiting, burning of throat

## 4. First Aid Measures

Inhalation	Remove patient to fresh air.
Skin contact	Rinse affected area with water; apply hand cream if necessary to replenish moisture.
Eye contact	Flush with running water for at least 15 min, irrigate eyes thoroughly while lifting eyelids and rolling eyeballs. If discomfort persists, seek medical attention.
Ingestion	Rinse mouth with water, allow patient as much water as possible. Seek medical attention.

## 5. Fire Fighting Measures

Product is non-flammable. Use extinguishing agent suitable for surrounding fire.	
Special hazard	None known
Protective clothing	Approved self contained breathing apparatus should be utilised or equivalent.

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## 6. Accidental Release Measures

Personal precaution	Rinse hands with water after each application and apply cream. Burns on cuts.
Environmental precaution	The product is alkaline avoid release of excess quantities.
Small spills	Contain powder and flush residue with plenty of water.
Large spills	Prevent the discharge of large quantities of concentrated product into sewerage and watercourses. Handle as solid waste

## 7. Handling & Storage

Handling	Normal handling procedure for detergents.
Storage	Store in a cool dry place. Keep container closed. No special requirements.

## 8. Exposure Controls/Personal Protection

Workers should have access to an eye wash fountain.
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## 9. Physical and Chemical Properties

Appearance	Free flowing white powder
pH	11.00 – 12.00
Solubility (water)	100 %

## 10. Stability and Reactivity

Stability	Stable under normal conditions.
Conditions to avoid	Strong acids
Hazardous decomposition products	None Known

## 11. Toxicological Information (based on Soda Ash)

Toxicity	Acute oral: LD50: 4090 mg/kg, rat Acute dermal: LD50: >5000 mg/kg, rabbit
Carcinogenicity	No evidence of carcinogenic properties.
Mutagenicity	No evidence of mutagenic effects.
Teratogenicity	No evidence of teratogenic effects.

## 12. Ecological Information (based on Soda Ash)

Acute toxicity – fish	96 hr bioassay LC50: 655 mg/l
Acute toxicity - daphnia	48 hr bioassay LC50: 400 mg/l
Acute toxicity – algae	EC50, 5 day, 242mg/l

## 13. Disposal Considerations

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Dilute product 1000 times when disposing small quantities and run to waste. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options

Disposal of packaging Recycle or wash thoroughly and re-use the container.

Permissible under applicable rules, regulations, and/or laws governing your location.

### 14. Transport Information

Substance identity no	W003
ADR/RID class	N/A
IMDG – packaging group	III
Marine Pollutant	No
IMO/IMDG Classification	N/A
IATA Classification	N/A

### 15. Regulatory Information

EC Classification	Irritant (Xi)
EC Risk phrases	R36
EC Safety phrases	S22/25

### 16. Other Information

References: SABS 0265: 1999, SABS 0228: 1995, SABS ISO 11014-1: 1994, M.S.D.S. (Suppliers of raw's)

Issued by: Sabelo Dladla

**EMERGENCY NUMBERS: 011 406 4000 / 082 412 2298**

The information in this MSDS is based on current knowledge and experience at the date of publication. This MSDS summarises our best knowledge of the health and safety hazard information of the product regarding the precautionary handling, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification of the product. The data relates only to the specific product designated, and does not relate to use of the product in combination with any other material or use of the product in any process. The data is not intended to constitute performance information concerning the product. No express warranty or implied warranty of merchantability for fitness for a particular purpose is made with respect to the product and/or its composition.

### APPENDIX A

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		Description	DCN No.	
22/03/2011	Technical Manager	New Issue	MSDS W003	00
20/05/2013	Technical Manager	Document review and change of Company logo.	MSDS W003	01
09/03/2017	Operations Director	Document review and Section 14 revised	MSDS W003	02

CONTROLLED DOCUMENT

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