

## MATERIAL SAFETY DATA SHEET

Description: SAF GLASS Revision Number: 02

Document Number: MSDS G002



### WINDOW CLEANER

#### GENERAL

SAF-GLASS has been specially formulated to remove all impurities effortlessly when used to clean windows, chrome, glass surfaces, tiles, mirrors and car windscreens etc.

#### FORMULATION

SAF-GLASS contains alcohol, coupling solvents, soil suspending agents and non-ionic surfactants.

#### PRODUCT DESCRIPTION

TEST	UNIT	SPECIFICATIONS
Appearance		Clear blue liquid
Density	g/cm <sup>3</sup>	0.95 – 1.00

#### PROPERTIES

- \* Versatile - used to clean windows, chrome, glass surfaces, mirrors, windscreens etc.
- \* No rinsing required
- \* Non-flammable

#### APPLICATION

Spray an adequate amount of SAF-GLASS onto the surface and wipe clean.

**THE RECOMMENDATIONS CONTAINED HERE-IN ARE BASED ON LABORATORY TESTS AND INFIELD USE EXPERIENCE AND ARE TO THE BEST OF OUR KNOWLEDGE ACCURATE. SINCE TERMS AND CONDITIONS OF ACTUAL USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS ARE MADE WITHOUT WARRANTY, EXPRESSED OR IMPLIED.**

**Prepared by:** Sabelo Dladla  
**Reviewed by:** Doug Cutter  
**Status:** Issued

**Approved by:** Doug Cutter  
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## Company Details

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## 1. Product Identification

Trade Name	SAF GLASS	Product Code:	G002
Chemical Family	Alcohol, Surfactants		
Chemical Name	Formulated chemical		
Product Use	Glass, Window cleaner		

## 2. Composition

CAS No.	Hazardous Components	Approximate %	OSHA PEL
71-23-8	Alcohol	<10	TWA 400 ppm
EEC classification	Irritant (Xi), SAF-GLASS		
R Phrases	R36/38, SAF- GLASS		

## 3. Hazards Identification

Main hazard	Irritant
Inhalation	Irritating, dizziness when over exposed, use in well ventilated area.
Skin contact	Irritant, after prolonged exposure.
Eye contact	Burning
Ingestion	Nausea, vomiting

## 4. First Aid Measures

Inhalation	Remove to fresh air.
Skin contact	Rinse with water, apply cream.
Eye contact	Flush with running water for at least 10 min.
Ingestion	Allow patient some water. Seek medical attention.

## 5. Fire Fighting Measures

Product is non flammable. Use suitable extinguishing media for surrounding areas.	
Special hazards	None known
Protective clothing	Approved self contained breathing apparatus should be utilised or equivalent.

## 6. Accidental Release Measures

Personal precaution	Avoid eye contact, ensure adequate ventilation.
Environmental precautions	As per good environmental practice avoid discharging large quantities to storm water drain

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Small spills	Remove excess with absorbent material and flush residue with water.
Large spills	Dyke ahead of liquid spill for later disposal. Prevent the discharge of large quantities of concentrated product into sewerages and watercourses.

### 7. Handling & Storage

Handling	Normal handling procedure for detergents to minimize personal exposure.
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.
If the specific application may result in splashing, safety goggles (VNC11 – supplier – MSA) should be supplied.
If prolonged or frequent contact is expected, <b>NEOPRENE</b> gloves (Technic 420 – supplier – MSA) should be utilised
Handle in a well ventilated area, or 6300 respiratory/6059 cartridge (3M – supplier) should be utilised if ventilation is not adequate.

### 9. Physical and Chemical Properties

Appearance	Clear blue liquid
Density	0.95 – 1.00 g/cm <sup>3</sup>
Solubility (water)	100 %

### 10. Stability and Reactivity

Stability	Stable under normal conditions.
Conditions to avoid	Any source of heat.
Hazardous decomposition products	None Known

### 11. Toxicological Information (based on alcohol)

Toxicity	Acute dermal : LD50 : 5040 mg/kg, rabbit
	Acute oral : LD50 < 1870 mg/kg
Carcinogenicity	No evidence of carcinogenic properties.
Mutagenicity	No evidence of mutagenic effects
Teratogenicity	No evidence of teratogenic effects.

### 12. Ecological Information (based on alcohol)

Acute toxicity – fish	96 hr bioassay LC50 : 4650 mg/l
Acute toxicity - daphnia	48 hr bioassay LC50 : > 1000 mg/l
Acute toxicity – algae	LC50 : 10000 mg/l
Biodegradability	The product is readily biodegradable

### 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

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

Disposal of packaging      Recycle or wash thoroughly to be re-used.

### 14. Transport Information

Substance identity no	G002
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	S25

### 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.

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## APPENDIX A

Revision Date (dd/mm/yy)	Issued By	Revision History		Revision No.
		Description	DCN No.	
11/02/2011	Technical Manager	New Issue	MSDS G002	00
20/05/2013	Technical Manager	Document review and change of Company logo.	MSDS G002	01
23/02/2017	Operations Director	Document review and Section 14 revision	MSDS G002	02

CONTROLLED DOCUMENT

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