

MATERIAL SAFETY DATA SHEET

Description: ECOSAF 1225 AMMONIATED CREAM
Revision Number: 01
Document Number: MSDS ST1225



AMMONIATED CREAM CLEANER

GENERAL

ECOSAF 1225 AMMONIATED CREAM is an ammoniated cleaner developed to effectively clean hard surfaces such as stoves, baths, basins, tiles and any enamel surface.

FORMULATION

ECOSAF 1225 AMMONIATED CREAM contains a powerful blend of surfactants, solvents, ammonia and soil suspending agents.

PRODUCT DESCRIPTION

TEST	UNIT	SPECIFICATION
Appearance		White opaque cream
Density	g/cm ³	1,03 - 1,12
Viscosity 30/3	mPa.s	2000 – 3000
pH		10.00 – 11.00

PROPERTIES

- * ECOSAF 1225 AMMONIATED CREAM contains perfumes to leave a pleasant clean smell after cleaning.
- * The combination of ingredients renders the product highly active.
- * ECOSAF 1225 AMMONIATED CREAM is an industrial strength cleaner.
- * ECOSAF 1225 AMMONIATED CREAM contains strong solvents to dissolve fat and grime.
- * Due to its high activity and concentration, ECOSAF 1225 AMMONIATED CREAM is very economical - a little goes a long way.

APPLICATION

Apply ECOSAF 1225 AMMONIATED CREAM on the surface to be cleaned using a cloth or sponge.

Agitate the product on the area and wipe with a clean damp cloth.

Prepared by: Sabelo Dladla
Reviewed by: Zanele Selala
Status: Issued

Approved by: Doug Cutter
Revision Date: 19 May 2017
Issue Date: 19 May 2017

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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, EXPRESS OR IMPLIED.

CONTROLLED DOCUMENT

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Company Details

Name	S.A.F.I.C (PTY) LTD	Tel:	+27 11 406 4000
Address	32 Steele Street, Steeledale, JHB	Fax:	+27 11 406 4252
Postal Address	PO BOX 1754, Alberton North, 1450	e-mail:	technical@safic.co.za

1. Product Identification

Trade Name	ECOSAF 1225 AMMONIATED CREAM	Product Code:	ST1225
Chemical Family	Ammonia, glycol ether, scouring agents		
Chemical Name	Formulated chemical		
Product Use	Hard surface general cleaner		
UN Number	3082 (Miscellaneous substances)		

2. Composition

CAS No.	Hazardous Components	Approximate %	OSHA PEL
7664-41-7	Ammonia 25%	<10	TWA 35 ppm
EEC Classification	Irritant (Xi), ECOSAF 1225 AMMONIATED CREAM		
R Phrases	R36/37/38, ECOSAF 1225 AMMONIATED CREAM		

3. Hazards Identification

Main hazard	Irritant
Inhalation	Slightly irritant
Skin contact	Irritant, prolonged exposure may result to defating of skin.
Eye contact	Burning, irritant
Ingestion	Nausea, vomiting

4. First Aid Measures

Inhalation	Remove patient to fresh air.
Skin contact	Rinse affected area with water.
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. Extinguish media if fire in surrounding area: carbon dioxide, dry powder, foam, or water.	
Special hazard	None known
Protective clothing	Approved self contained breathing apparatus should be utilised or equivalent equipment.

6. Accidental Release Measures

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Personal precaution	Avoid prolonged skin contact and rinse with clean water.
Environmental precaution	Do not discharge large quantities into storm water drains.
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 sewerage and watercourses.

7. Handling & Storage

Handling	Normal handling procedure for detergents to minimise 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 prolonged or frequent contact is expected, NEOPRENE gloves (Technic 420 – supplier – MSA) should be utilised

9. Physical and Chemical Properties

Appearance	White opaque cream
pH	10.00-11.00
Density	1.03 -1.12 g/cm ³
Viscosity (30/3) mPa.s	2000 - 3000

10. Stability and Reactivity

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

11. Toxicological Information (based on ammonia)

Toxicity	Acute oral : LD50:350 mg/kg, rat
	Acute inhalation : LCLo: 7000 ppm, 1 hr, rabbit
Carcinogenicity	No evidence of carcinogenic properties.
Mutagenicity	No evidence of mutagenic effects.
Teratogenicity	No evidence of teratogenic effects.

12. Ecological Information (based on ammonia)

Acute toxicity – fish	96 hr LC50 : < 1 mg/l
Acute toxicity - daphnia	48 hr EC50 : < 1 mg/l
Acute toxicity – algae	The product is toxic to plants in large quantities
Biodegradability	The product is expected to biodegrade.(based on calcium carbonate)
Bioaccumulation	Not expected bio accumulate

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13. Disposal Considerations

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 provide approved to drum collectors.

14. Transport Information

UN No.	3082
Substance identity no	ST1225
Packaging group	III
ADR/RID class	Class 9: Irritant liquid
Marine Pollutant	No
IMO/IMDG Classification	IMDG Class 9 Irritant liquid
IATA Classification	Class 9 Irritant liquid

15. Regulatory Information

EC Classification	Irritant (Xi)
EC Risk phrases	R36/37/R38
EC Safety phrases	S24/25

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.

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APPENDIX A

Revision Date (dd/mm/yy)	Issued By	Revision History		Revision No.
		Description	DCN No.	
27/09/2011	Technical Manager	New Issue	MSDS ST1225	00
19/05/ 2017	Systems and F&B Specialist	Revision	MSDS ST1225	01

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