

MATERIAL SAFETY DATA SHEET

Description: SAF DEFOAMER Revision Number: 03

Document Number: MSDS D010



FOAM CONTROL

GENERAL

SAF-DEFOAMER is an easy – to – use additive, used to reduce foam in high foaming products.

FORMULATION

SAF-DEFOAMER is silicone based, and designed for general use in aqueous systems.

PRODUCT DESCRIPTION

TEST	UNIT	SPECIFICATION
Appearance	-	White opaque liquid
Density	g/cm ³	1.00 - 1,02
Non Volatile Content	% m/m	9,5 - 10,5

PROPERTIES

- Effectively reduces foam
- Easily dispersed – ensuring maximum foam control

APPLICATIONS

- Agitate product mildly before use, to ensure optimal results.
- Add according to amount of defoaming required. (Generally +/- 1%)

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.

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

Approved by: Doug Cutter
Revision Date: 07 April 2017
Issue Date: 07 April 2017

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Company Details

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1. Product Identification

Trade Name	SAF - DEFOAMER	Product Code: D010
Chemical Family	Water based mixture of Silicone oils.	
Chemical Name	Formulated chemical.	
Product Use	Reduces foam in high foaming products.	

2. Composition

CAS No.	Hazardous Components	Approximate %	OSHA PEL
N/A	None	N/A	N/A

3. Hazards Identification

Main hazard	Irritant
Fire	Non flammable
Inhalation	No effect
Skin contact	Slight irritant.
Eye contact	Eye irritant.
Ingestion	Nausea.

4. First Aid Measures

Inhalation	Move patient to fresh air,
Skin contact	Rinse area with water.
Eye contact	Flush eyes with running water with eyelids opened for 15 min. If irritation persists seek medical attention.
Ingestion	Rinse mouth with water; allow as much water as possible. Seek medical attention.

5. Fire Fighting Measures

Extinguishing media	Product non-flammable. Use extinguishing agents 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

Environmental Precautions	As per good environmental management practices, prevent contamination of watercourses or ground with large quantities of undiluted product.
Small spills	Dilute with water and run to drain.
Large spills	Soak up with absorbent material and place in a container with a lid.
Environmental Precautions	As per good environmental management practices, prevent contamination of watercourses or ground with large quantities of undiluted product.

7. Handling & Storage

Handling	Normal safety clothing should be worn. Avoid prolonged or repeated skin contact.
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, NEOPRENE gloves (Technic 420 – supplier – MSA) should be utilised

9. Physical and Chemical Properties

Appearance	White opaque liquid.
Density	1.00 – 1.02 g/cm ³
Non volatile	9.5 – 10.5% m/m
pH	7.0 – 7.2

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10. Stability and Reactivity

Stability	Stable under normal conditions.
Conditions to avoid	Low temperatures
Hazardous decomposition products	None Known

11. Toxicological Information (based on main ingredient)

Carcinogenicity	No evidence of carcinogenic properties.
Mutagenicity	No evidence of mutagenic effects.
Teratogenicity	No evidence of teratogenic effects.
Reproductive hazard	Not expected to impair fertility
Carcinogenicity	No evidence of carcinogenic properties.
Mutagenicity	No evidence of mutagenic effects.

12. Ecological Information (based on main ingredient)

Acute toxicity – fish	The product can be toxic at excessive quantities.
Acute toxicity - daphnia	The product can be toxic at excessive quantities.
Acute toxicity – algae	The product can be toxic at excessive quantities.
Acute toxicity – fish	The product can be toxic at excessive quantities.
Acute toxicity - daphnia	The product can be toxic at excessive quantities.

13. Disposal Considerations

Disposal method	Dispose as per local agreed government method.
Disposal packaging	Recycle or wash thoroughly and re-use the container.

14. Transport Information

Substance identity no	D010
Packaging group	N/A
ADR/RID class	III
Marine Pollutant	No
IMO/IMDG Classification	N/A
IATA Classification	N/A

15. Regulatory Information

EEC-hazard classification	N/A
Risk phrases	R36
Safety phrases	S25

16. Other Information

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

Issued by: Sabelo Dladla

EMERGENCY NUMBERS: 011 406 4000 / 011 406 4067

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 and is intended only as a guide to the appropriate precautionary handling, use, 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, its composition, its safety or the information contained in this MSDS sheet.

APPENDIX A

Revision Date (dd/mm/yy)	Issued By	Revision History		Revision No.
		Description	DCN No.	
15/07/2011	Technical Manager	New Issue	MSDS D010	00
20/05/2013	Technical Manager	Document review and change of Company logo.	MSDS D010	01
14/04/2016	System and Food & Beverage Specialist	Document review	MSDS D010	02
07/04/2017	Operations Director	Section 14 and 15 revised	MSDS D010	03

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