

ALENZA

IN CASE OF EMERGENCY, CALL CHEMTREC

UNITED STATES: 1-800-424-9300
INTERNATIONAL: 1-202-483-7616

MATERIAL SAFETY DATA

1. PRODUCT IDENTIFICATION

PRODUCT NAME: **ALENZA DRY DEFOAMER**
SYNONYMS: Powdered Silicone Antifoam
CHEMICAL FAMILY: Dimethyl Siloxane
GENERIC DESCRIPTION: Polydimethylsiloxane, Selected Emulsifiers and Base carrier
PRINCIPAL FUNCTIONING AGENTS: Polydimethylsiloxane, Selected Emulsifiers and base carrier - 100%

2. HAZARDOUS INGREDIENTS

OSHA REGULATED

COMPONENT	CAS. NO	WT%	EXPOSURE LIMITS
None known			

3. EFFECTS OF OVEREXPOSURE:

EYE: Irritation can occur causing redness or swelling.
SKIN: Short and long term exposure can irritate.
INHALATION: Treat as dust.
ORAL: Small amounts by finger to mouth should not injure. Swallowing large amounts may cause digestive discomfort.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Overexposure to any chemical may result in enhancement of pre-existing and adverse medical condition and allergic reactions.

4. EMERGENCY FIRST AID

EYES: Flush immediately with water for 15 minutes. Get medical attention if irritation persists.
SKIN: Wash immediately with soap and water. Get medical attention if irritation develops. Wash contaminated clothing before reuse.
INHALATION: No first aid should be needed.
INGESTION: No first aid should be needed.

5. REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: None
INCOMPATIBILITY: Strong acids and oxidizers.
DECOMPOSITION: Carbon and Silicon Oxides.

6. PHYSICAL PROPERTIES

APPEARANCE AND ODOR:	White Powder, very little odor
BOILING POINT:	NA
VAPOR PRESSURE:	NA
Bulk Density (lbs/cu. ft.):	29.1 (+/- 7.2)
VAPOR DENSITY (AIR=1):	NA
% VOLATILE (BY WGT.%):	<5
EVAPORATION RATE:	Not applicable
SOLUBILITY IN WATER:	Dispersible

7. NFPA HAZARD RATING (National Fire Protection Association)

	Fire	Health	Reactivity	Special	Fire:	Materials that must be preheated before ignition can occur.
Health 1	1	0	0	-	Health:	Materials which on exposure should cause irritation only minor residual injury even if no treatment is given.
				Special	Reactivity:	Materials, which in themselves are normally stable, even under fire exposure conditions, and which are not reactive with water.

8. FIRE AND EXPLOSION HAZARD INFORMATION

FLASHPOINT:	NA
FLAMMABLE LIMITS:	Not Available
EXTINGUISHING MEDIA:	Foam, Dry Chemical, Water Spray or Carbon Dioxide
FIRE FIGHTING:	Use water spray to prevent dust-air mixtures.
UNUSUAL FIRE HAZARD:	Dust-air mixtures may be explosive. Keep away from sources of ignition, heat, sparks, and flame. Use only in well ventilated areas. Provide adequate dust control.

9. SPECIAL PRECAUTIONS

HANDLING AND STORAGE:	Store in cool dry place. Keep in original container tightly closed. Do not reuse empty container.
OTHER PRECAUTIONS:	Keep out of reach of children.

10. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	NIOSH/MSHA approved respirator or dust mask.
VENTILATION:	As needed for dust control.
PROTECTIVE GLOVES:	PVC-coated.
EYE PROTECTION:	Wear goggles or a face shield.
OTHER PROTECTION:	Full body protective suit, eye wash and safety shower.

11. SPILL OR LEAK PROCEDURES

SPILLS OR RELEASES:	Material should be collected and disposed in proper manner.
WASTE DISPOSAL:	Do not contaminate water, food or feed by storage or disposal. Dispose of in an approved waste disposal facility in accordance with all Federal, State and Local Regulations.
CONTAINER DISPOSAL:	Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

12. REGULATORY INFORMATION

COMPOUNDS WHICH REQUIRE REPORTING UNDER SARA TITLE III

Sara Regulated Compounds	Section	CAS NO.	Percent
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No compounds present in quantities which are regulated.

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.

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