

ALENZA

MATERIAL SAFETY DATA

1. PRODUCT IDENTIFICATION

PRODUCT NAME: **ALENZA GT SPLIT BASAL OIL**
SYNONYMS: Petroleum Distillate and Surfactants
CHEMICAL FAMILY: Petroleum Hydrocarbon Oil

2. HAZARDOUS INGREDIENTS

OSHA REGULATED COMPONENTS	CAS. NO.	WT %	EXPOSURE LIMITS
COMPONENT			
Severely Hydrotreated Mineral Oil			

3. EFFECTS OF OVEREXPOSURE

EYE: Excessive exposure may cause irritation.
SKIN: Practically non-toxic if absorbed. May result in mild irritation with prolonged or repeated contact.
INHALATION: Inhalation can cause nose, throat and respiratory tract irritation.
ORAL: Harmful or fatal if swallowed. Pulmonary aspiration if swallowed and/or vomiting occurs; may enter lungs and cause damage.

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 ADVERSE MEDICAL CONDITION AND ALLERGIC REACTIONS.

4. EMERGENCY FIRST AID

EYES: Immediately irrigate with plenty of water for 15 minutes. Get medical attention if irritation persists.
SKIN: Remove any contaminated clothing. Wash affected area with soap and water. Call a doctor if irritation develops.
INHALATION: If symptoms of overexposure are experienced, evacuate to fresh air. If symptoms persist, seek medical attention.
INGESTION: **DO NOT INDUCE VOMITING! DO NOT GIVE LIQUIDS!** Obtain emergency medical attention. Small amounts which accidentally enter mouth should be rinsed out until the taste of it is gone.

5. REACTIVITY DATA

STABILITY: Stable.
CONDITIONS TO AVOID: Excessive heat.
POLYMERIZATION: Will not occur.
INCOMPATIBILITY: Strong oxidizing agents.
DECOMPOSITION: Combustion may produce carbon monoxide and asphyxiates.

6. NFPA HAZARD RATING (National Fire Protection Association)

Fire	1			FIRE:	Materials that must be preheated before ignition can occur.
Health	1	0	Reactivity	HEALTH:	No hazard beyond that of ordinary combustible materials.
	-			REACTIVITY:	Materials which in themselves are normally stable, even under fire exposure conditions, and which are not reactive with water.
Special					

7. PHYSICAL PROPERTIES

APPEARANCE AND ODOR:	Amber liquid, little odor.
BOILING POINT:	NA
VAPOR PRESSURE:	NA
SPECIFIC GRAVITY:	.896 (+/- .05)
VAPOR DENSITY (AIR=1):	NA
% VOLATILE (BY WGT.%):	<11%
pH OF CONCENTRATE:	6-8
SOLUBILITY IN WATER:	miscible

8. FIRE AND EXPLOSION HAZARD INFORMATION

FLASHPOINT:	176° F
FLAMMABLE LIMITS:	Not Established.
FIRE FIGHTING:	According to NFPA guide, use water fog, dry chemical, chemical foam, or carbon dioxide. Wear self-contained, positive pressure breathing apparatus and protective clothing. Use water to cool fire exposed containers.
UNUSUAL FIRE HAZARD:	Can be made to burn.

9. SPECIAL PRECAUTIONS

HANDLING AND STORAGE:	NPFA Class IIIB Storage. Never siphon by mouth. Maintain good housekeeping practices and clean up spills promptly. Avoid prolonged or repeated contact with skin.
OTHER PRECAUTIONS:	Keep out of reach of children.

10. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	None required for normal use. If product is heated or misted, use NIOSH certified respiratory protection.
VENTILATION:	Normal room ventilation (mechanical) should be satisfactory.
PROTECTIVE GLOVES:	PVC-coated.
EYE PROTECTION:	Wear chemical splash proof goggles or a face shield.
OTHER PROTECTION:	Eye wash and safety shower. Wash with soap and water before eating, drinking, smoking, or using toilet facilities.

11. SPILL OR LEAK PROCEDURES

SPILLS OR RELEASES:	Contain spill. Use protective gloves to avoid skin contact. Small spills can be wiped up. Large spills should be absorbed by dirt, sand, or other suitable absorbents for disposal.
WASTE DISPOSAL:	Do not hose spills down drains, sewers, or waterways. Do not contaminate 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

No compounds present in quantities which are regulated.

13. OTHER INFORMATION

WARNING! This product contains a detectable amount of ethylene oxide, which is known to the State of California to cause cancer and/or reproductive toxicity.

Ethoxylated products may contain residual amounts of ethylene oxide (EO) which can accumulate in the container headspace and be released into the ambient environment. This process is enhanced when the product is agitated, as during tank car loading and unloading, and blending operations. Ethylene oxide causes tumors in laboratory animals. The Occupational Safety and Health Administration (OSHA) Permissible Exposure Level (PEL) for EO is 1 ppm for an eight-hour time weighted average exposure. The standard regulates occupational exposure to EO from all sources, including products containing residual EO. It is the responsibility of the employer to comply with OSHA ethylene oxide standard (29) CFR 1910.1047).

The recommendation for safe handling and protection procedures are 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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