



CLEVELAND DIVISION  
1000 WAYSIDE ROAD, CLEVELAND, OHIO 44110 (216) 531-607

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT IDENTIFICATION

- BRAND NAME: ALUMINUM STEARATE 303
- COMMON NAME: METASAP 598, 537, ALUMINUM DISTEARATE 303, ALUMINUM STEARATE 265SW, R, 77, NUODEX ALUMINUM STEARATE MED GEL (HI GEL) 27
- CHEMICAL NAME: ALUMINUM DISTEARATE
- CAS NUMBER: 300925
- FORMULA:  $C_{36}H_{71}Al_4$
- DOT HAZARD CLASS: NONE
- REPORTABLE QUANTITY: NONE
- HMIS RATING: HEALTH (0) FLAMMABILITY (1) REACTIVITY (0)
- TOSCA LISTED

## 2. HAZARDOUS INGREDIENTS

CHEMICAL NAME                      CAS NUMBER

TRADE SECRET

## 3. PHYSICAL AND CHEMICAL PROPERTIES

- STATE: SOLID
- MELTING POINT: 145- 165° C
- BOILING POINT: N/A
- VAPOR PRESSURE: NIL
- SPECIFIC GRAVITY (H<sub>2</sub>O = 1) >1.0
- WATER SOLUBILITY: NEGLIGIBLE
- APPEARANCE AND ODOR: FINE WHITE POWDER, MILD FATTY ODOR

## 4. REACTIVITY DATA

- STABILITY: STABLE
- CONDITIONS TO AVOID: NONE
- INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS
- DECOMPOSITION PRODUCTS: Al<sub>2</sub>O<sub>3</sub>, CO<sub>2</sub>
- POLYMERIZATION POTENTIAL: WILL NOT OCCUR.

\*HMIS RATING PER NFPA 704

MARKETED BY  
**HARWICK STANDARD**  
**DISTRIBUTION CORPORATION**  
60 S. Seiberling Street • Akron, Ohio 44305



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## 5. PHYSICAL HAZARD INFORMATION

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- FLASH POINT: > 500° F (PMCC)
- FLAMMABLE LIMITS: UNKNOWN
- EXTINGUISHING MEDIA: WATER, CO<sub>2</sub>, FOG, DRY CHEMICAL
- SPECIAL FIRE FIGHTING PROCEDURES: NONE

DUST EXPLOSIONS MAY OCCUR UNDER CONDITIONS OF HIGH DUST CONCENTRATION IN THE PRESENCE OF AN IGNITION SOURCE.

## 6. HEALTH HAZARD INFORMATION

- PRECAUTIONARY INFORMATION: AS WITH ANY CHEMICAL, AVOID CONTACT WITH SKIN AND EYES. DO NOT INGEST.
- PRIMARY ROUTES OF EXPOSURE:

INHALATION: YES  
SKIN ABSORPTION: NO  
INGESTION: UNLIKELY  
SKIN AND EYE CONTACT: NO

INHALATION - DUST CAN CAUSE DISCOMFORT OF THE NOSE, THROAT, AND UPPER RESPIRATORY TRACT, COUGHING AND CHOKING.

SKIN - CAN CAUSE DISCOMFORT WITH PROLONGED CONTACT.

INGESTION - CAN CAUSE GASTRO INTESTINAL DISCOMFORT IF SWALLOWED.

EYE CONTACT - CAN CAUSE DISCOMFORT WITH CONTACT.

### EMERGENCY FIRST AID PROCEDURES

INHALATION - REMOVE TO FRESH AIR.

SKIN - WASH WITH MILD SOAP AND WATER.

INGESTION - CONSULT PHYSICIAN IF SWALLOWED.

EYES - FLUSH EYES WITH WATER. REMOVE ANY CONTACT LENSES TO ENSURE THOROUGH FLUSHING. IF DISCOMFORT PERSISTS, CONSULT PHYSICIAN.



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7. **ENGINEERING CONTROLS AND  
 PERSONAL PROTECTIVE EQUIPMENT**

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VENTILATION: SUFFICIENT TO CONTROL DUST.

**PERSONAL PROTECTIVE EQUIPMENT**

<u>DEGREE OF EXPOSURE</u>	<u>EYE</u>	<u>SKIN</u>	<u>RESPIRATORY</u>	<u>OTHER</u>
I CLOSED SYSTEM (REMOTE)	A	A	NONE	NONE
II OCCASIONAL (INFREQUENT)	A	A	NONE	NONE
III REPEATED & PROLONGED	A	A	A	NONE
IV SPILLS (GROSS CONTACT)	A	A	A	NONE

**KEY FOR PERSONAL PROTECTIVE EQUIPMENT**

**EYE**

- A SAFETY GLASSES
- B CHEMICAL GOGGLES
- C GAS TIGHT GOGGLES

**SKIN**

- A ORDINARY WORK CLOTHES
- B IMPERVIOUS CLOTHING
- C IMPERVIOUS AND GAS TIGHT

**RESPIRATORY PROTECTION (NIOSH APPROVED)**

- A HALF MASK W/CARTRIDGE
- B FULL FACE W/CANISTER
- C FULL FACE W/SUPPLIED AIR

**OTHERS**

- A FACESHIELD
- B GLOVES (RUBBER)
- C APRON
- D BOOTS



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8. PRECAUTIONS FOR SAFE HANDLING AND STORAGE

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STORE IN COOL, DRY AREA, AWAY FROM HEAT, SPARK OR FLAME. AVOID SKIN AND EYE CONTACT. WASH HANDS AFTER HANDLING. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT.

SPILLS/LEAKS/RELEASES

WORKPLACE RELEASE: REMOVE IGNITION SOURCES, SHOVEL INTO DRUMS. DISPOSAL SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SOIL RELEASE: TREAT THE SAME AS A WORKPLACE RELEASE.

WATER RELEASE: NOTIFICATION OF THE PROPER GOVERNMENT AGENCY MAY BE APPROPRIATE.

AIR RELEASE: AVOID RAISING DUST CLOUDS. DUST EXPLOSION CAN OCCUR UNDER CONDITIONS OF HIGH DUST CONCENTRATIONS IN THE PRESENCE OF ANY IGNITION SOURCE.

9. SECTION 313 SUPPLIER NOTIFICATION

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372:

<u>CAS#</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
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THIS PRODUCT DOES NOT FALL SUBJECT TO THE REQUIREMENTS OF SECTION 313.

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

FOR ADDITIONAL INFORMATION TELEPHONE.....(216) 531-6010

<u>DATE OF ISSUE</u>	<u>DATE REVISED</u>	<u>REPLACES</u>
05/04/92	12/15/95	05/04/92

UNK = UNKNOWN	> = GREATER THAN
N/A = NOT APPLICABLE	< = LESS THAN

Revised: 12/15/95 per E Frindt, update & reissue