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SECTION 1 - GENERAL INFORMATION

TRADE NAME:
Artes 0100C

EMERGENCY PHONE NO:
INFOTRAC (800) 535-5053

CHEMICAL NAME:
Stabilized Magnesium Hydroxide Slurry

DISTRIBUTOR'S D-U-N-S NO:
14-861-3045

HAZARDOUS MATERIAL DESCRIPTION: Nonhazardous
EMERGENCY RESPONSE GUIDE #: N/A
SHIPPING NUMBER: N/A
REPORTABLE QUANTITY: N/A

SYNONYMS:
N/A

FORMULA:
Magnesium Hydroxide Slurry

CHEMICAL FAMILY:
Alkali

MOLECULAR WEIGHT:
58.29

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENTS	% BY WT.	CAS NO.	OSHA TWA	ACGIH
<i>Magnesium Hydroxide</i>	58-61%	001309-42-8		

All components are listed on the TSCA (Toxic Substances Control Act) Inventory or are not required to be listed on the TSCA Inventory.

HAZARD RATING	HEALTH	1	REACTIVITY	0
FIRE		0	SPECIAL	B

SECTION 3 - PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY: 1.50 - 1.54 (25C) **PH:** 9 **BOILING POINT:** 101

SOLUBILITY IN WATER: Insoluble but dispersible **VAPOR PRESSURE:** N/A

PERCENT VOLATILE BY VOLUME: 39-42% **EVAPORATION RATE:** N/A

APPEARANCE AND ODOR: White liquid slurry, odorless.

MATERIAL: Liquid.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A **FLAMMABLE LIMITS:** LEL: N/A UEL: N/A

AUTO IGNITION TEMPERATURE: N/A

EXTINGUISHING MEDIA: This product is non-combustible. If exposed to fire from another source, use suitable extinguishing media appropriate to the surrounding area.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus when fighting fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None generally associated with this product.

SECTION 7 - SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Allow material to dry. Pick up by scooping, sweeping, or vacuum. Avoid raising dust clouds.

WASTE DISPOSAL METHODS: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. Non-biodegradable - use solid waste disposal common to landfill type operation or similar disposal in accordance with local, state and federal regulations to determine best disposal alternatives.

ENVIRONMENTAL TOXICITY DATA: Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50 >100 mg/L in most sensitive species). Acute LC50 in fathead minnow (Pimephales promelas) is greater than 1500 mg/L. Acute LC50 in water flea. Daphnia magna is greater than 1000 mg/L.

HAZARDOUS WASTE 40CFR261: N/A

HAZARDOUS WASTE NO: N/A

CONTAINER DISPOSAL: Returnable.

SECTION 8 - SPECIAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: NIOSH approved dust-filter facemasks.

EYE PROTECTION: Use chemical goggles.

PROTECTION CLOTHING: Use gloves impervious to this material when prolonged or frequently repeated contact could occur. Long sleeve shirt, long pants.

VENTILATION: Good general ventilation.

OTHER: Emergency eyewash and safety shower should be located nearby.

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Storage without agitation will lead to eventual settling of the solids. Protect from freezing. Upon thawing, slurry will not retain original stability characteristics. Product may become a solid at temperatures below 0C/32F.

OTHER PRECAUTIONS: Excessive exposure to dusts or mists of magnesium hydroxide may cause irritation of the lungs based on animal data. Therefore, if this material is allowed to dry, dusts may become airborne which may cause respiratory irritation.

SECTION 10 - REGULATORY INFORMATION

SECTION 313 - SUPPLIER NOTIFICATION

THIS PRODUCT DOES NOT CONTAIN ANY TOXIC CHEMICALS WHICH ARE REPORTABLE UNDER SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 (40 CFR 372).

WHILE ARIES CHEMICAL INC. BELIEVES THE DATA SET FORTH HEREIN IS ACCURATE AS OF THE DATE HEREOF, ARIES CHEMICAL MAKES NO WARRANTY WITH RESPECT THERETO AND EXPRESSLY DISCLAIMS ALL LIABILITY FOR REFINANCE THEREON OF SUCH DATA, AND IS OFFERED SOLELY FOR YOUR CONSIDERATION, INVESTIGATION, AND VERIFICATION.