

MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY INFORMATION

Trade Name (as labeled): **LIGNIN MAGNESIUM 4%**

Manufactured By: AgXplore International, Inc.
7035 State Highway D
P.O. Box 638
Parma, Missouri 63870

Business Phone: (573) 357-4506

Date Prepared: May, 2003

Updated April, 2009

SECTION 2. COMPOSITION AND INFORMATION INGREDIENTS

CHEMICAL NAME	% PERCENT	CAS #	TLV OR PEL
LIGNOSULFONIC ACID SODIUM SALT WITH MAGNESIUM SULFATE WATER SOLUTION	PROPRIETARY	PROPRIETARY	N/A

SECTION 3. PHYSICAL DATA

BOILING POINT	WATER SOLUBILITY	APPEARANCE	SALTING-OUT TEMPERATURE	SPECIFIC GRAVITY	Ph OF SOLUTION	ODOR	VAPOR PRESSURE
212 F	SOLUBLE	BLACK LIQUID	N/A	1.258	4.0-4.5	MILD	N/A

SECTION 4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

FLAMMABLE LIMIT-LEL: WATER SOLUTION

EXTINGUISHING MEDIA: DRY CHEMICAL, CARBON DIOXIDE, WATER

UNUSUAL FIRE AND HAZARDOUS: NONE

SECTION 5. HEALTH AND FIRST AID

EFFECTS OF OVER EXPOSURE: LIQUID CONTACT MAY CAUSE SLIGHT EYE IRRITATION AND REPEATED SKIN EXPOSURE MAY CAUSE SOME SKIN IRRITATION

EMERGENCY AND FIRST AID PROCEDURE:

SKIN: WASH OFF IN FLOWING WATER OR SHOWER

EYES: IRRIGATE IMMEDIATELY WITH WATER AT LEAST 5 MINUTES

INHALATION: NO ADVERSE EFFECTS ANTICIPATED BY THIS ROUTE OF EXPOSURE INCIDENT OR PROPER INDUSTRIAL HANDLING

SECTION 6. REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID IF UNSTABLE: N/A

INCOMPATIBILITY WITH OTHER MATERIALS: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID UNCONTROLLED POLYMERIZATION: N/A

SECTION 7. SPILL & DISPOSAL PROCEDURES

STEPS TO BE TAKEN TO HANDLE SPILLS OR RELEASES:

CONTAIN SPILL BY DIKING WITH DIRT, SAND, OR OTHER ABSORBANT MATERIAL AND ROPE OFF CONTAMINATED AREA- WORKERS PERFORMING CLEAN-UP SHOULD WEAR PROTECTIVE CLOTHING

WASTE DISPOSAL PROCEDURES: EXCESS PRODUCT THAT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO FEDERAL, STATE, AND/OR LOCAL PROCEDURES

SECTIONS 8. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NOT NORMALLY NEEDED IF RESPIRATORY IRRITATION IS EXPERIENCED USE A RESPIRATOR APPROVED BY NIOSH.

VENTILATION: GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT FOR MOST CONDITIONS

PROTECTIVE GLOVES: WEAR IMPERVIOUS GLOVES

EYE PROTECTION: CHEMICAL SAFETY GOGGLES WITH SIDE SHIELDS AS A GENERAL RULE, DO THIS HANDLING ALL CHEMICALS

OTHER PROTECTIVE EQUIPMENT: WEAR IMPERVIOUS CLOTHING

SECTION 9. SPECIAL PRECAUTIONS IN HANDLING STORAGE

