



**THE ANDERSONS
MATERIAL SAFETY DATA SHEET**

MSDS ID NO: C001

DATE PREPARED: 09/03/08

SECTION I: PRODUCT IDENTITY

PRODUCT NAME: Nutralime™

MFR INFO: The Andersons
1855 County Hwy 99
Carey, OH 43316

FOR EMERGENCY: (800) 757-8951
FOR INFORMATION: (419) 891-2957
(419) 396-3501

CURRENT AS OF: 11/11/08

SECTION II: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENT	OSHA PEL	ACGIH TLV
Ammonium lignin sulfonate (CAS # 8061-53-8)		
Limestone (CAS # 1317-65-3)	15 mg/m ³ (total) 5 mg/m ³ (respirable)	10 mg/m ³

SECTION III: PHYSICAL DATA

BOILING POINT: NA EVAPORATION RATE: NA pH: NA
VAPOR DENSITY: NA VAPOR PRESSURE: NA MELTING POINT: NA
SPECIFIC GRAVITY: 2.70 – 2.90
SOLUBILITY (IN WATER): Insoluble
APPEARANCE AND ODOR: Brown granular mix with slight odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not flammable FLAMMABLE LIMITS: NA

EXTINGUISHING MEDIA: Use media suitable for surrounding fire

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing and positive-pressure self-contained breathing apparatus

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Decomposition products may be toxic

SECTION V: REACTIVITY DATA

CONDITIONS TO AVOID: None known

INCOMPATIBILITY: Strong acids

HAZARDOUS DECOMPOSITION PRODUCTS: CO_x

Product is stable and hazardous polymerization will not occur.

SECTION VI: PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH approved particulate respirator, if required

EYE PROTECTION: Safety glasses with side shields, goggles, or faceshield are recommended

SKIN PROTECTION: Long sleeves, cotton gloves recommended

VENTILATION: Local exhaust ventilation recommended

SECTION VII: HEALTH HAZARD DATA

HEALTH HAZARDS: May be irritating to the respiratory tract, eyes, and skin.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing respiratory, skin, or eye conditions

FIRST AID PROCEDURES:

IF SWALLOWED: If victim is alert and not convulsing, give one glass of water to dilute material. Seek medical attention if problems develop or persist.

IF INHALED: Move victim to fresh air. Seek medical attention if irritation persists.

IF IN THE EYES: Immediately flush with water for at least 20 minutes. Seek medical attention if irritation persists.

IF ON SKIN: Shower / wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.

CARCINOGENICITY: None of the ingredients are known / listed carcinogens. However, product may contain trace amounts of crystalline silica, which is listed by IARC as a suspected carcinogen.

SECTION VIII: PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL / RELEASE PROCEDURES: Collect spilled product and store to re-use.

WASTE DISPOSAL METHOD: Read product label before disposing of product and container. Dispose of in accordance with all federal, state, and local regulations. Reuse recovered product where possible.

HANDLING / STORING PRECAUTIONS: Store in a cool, dry, well ventilated area. Avoid contact with eyes and skin.

PREPARED BY: SS

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