

MATERIAL SAFETY DATA SHEET
(Complies with 29 CFR 1910.1200)**SECTION I**

MAG-IT

Box 1931, Simpsonville, SC 29681-1931
(864) 963-7034

PRODUCT NAME:	"Old Yaller" Concrete Cleaner	
PRODUCT CODE:	0500	HMIS RATING
CHEMICAL NAME:	Mixture	HEALTH: 2
CAS #: N/A		FLAMMABILITY: 0
MIXTURE (X)		REACTIVITY: 1
SINGLE SUBSTANCE ()		PERSONAL PROTECTION: E

SECTION II**HAZARDOUS INGREDIENTS**

MATERIAL OR COMPONENT	%	HAZARD DATA
Sodium Metasilicate CAS 6834-92-0	89 - 99	2 mg/m ³ TLV/TWA

SECTION III**PHYSICAL DATA**

BOILING POINT: N/A
 SPECIFIC GRAVITY: N/A
 VAPOR PRESSURE: N/A
 PERCENT VOLATILE BY VOLUME: <2%
 VAPOR DENSITY: N/A
 EVAPORATION RATE (H₂O = 1): N/A
 SOLUBILITY IN WATER: 25% to 28%
 APPEARANCE AND ODOR: Yellow/Orange free flowing granules with a mild pine odor.
 pH 1% solution in Water: 12.4

SECTION IV**FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED): Not Flammable
 FLAMMABILITY LIMITS: LEL UEL
 EXTINGUISHING MEDIA: Water, foam or dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should use self-contained breathing apparatus when fighting fires in which this product is present.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This product, when in contact with certain metals or strong oxidizers, can generate hydrogen gas and explosive mixtures with air may form. Water spray is the most effective firefighting technique in this scenario.

SECTION V**HEALTH HAZARDS DATA**

THRESHOLD LIMIT VALUE: 2 mg/m³

EFFECTS OF OVEREXPOSURE: Sodium Metasilicate is corrosive and irritating to the mucous membranes of the eyes and respiratory tract. Prolonged skin contact can cause serious burns. Inhalation of dust results in coughing, choking and inflammation of the respiratory tract. If irritation occurs additional ventilation may be needed. Do not ingest. Do not inhale. Do not get in eyes. Heavy concentrations of dust may burn the eyes.

EMERGENCY FIRST AID PROCEDURES: Flush affected external areas with water for 15 minutes. Use neutralizer for alkaline products if available. Consult a physician immediately. If ingestion occurs, give water freely and consult a physician immediately.

**SECTION VI
REACTIVITY DATA**

STABILITY: STABLE:X UNSTABLE:
CONDITIONS TO AVOID: None
INCOMPATIBILITY (MATERIALS TO AVOID): Acidic materials.
HAZARDOUS DECOMPOSITION PRODUCTS: CO₂ gas is generated in contact with acids.
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR:X

**SECTION VII
SPILL OR LEAK PROCEDURES**

SPILL RESPONSE PROCEDURES: Small spills of aqueous solutions may be flushed with a large volume of water into the sewer system. Larger spills should be diked, absorbed on non-combustible absorbent such as kitty litter. Collect in a suitable container for disposal in accordance with appropriate regulations. Releases into surface waters may cause conspicuous foaming.
Spills of powdered product may be collected and disposed of as directed below.
WASTE DISPOSAL METHOD: Collect in a suitable container and dispose of in accordance with local, state and federal regulations. Small spills of aqueous solutions may be absorbed on an appropriate media and disposed of in a landfill.

**SECTION VIII
SPECIAL PROTECTION INFORMATION**

EYE PROTECTION: Goggles or glasses and face shield
RESPIRATORY PROTECTION: Nuisance dust mask
SKIN PROTECTION: Rubber gloves
OTHER PROTECTION: Splash resistant apron
VENTILATION RECOMMENDATION: Do not use in closed, unventilated spaces.

**SECTION IX
SPECIAL PRECAUTIONS**

HYGIENE PRACTICES IN HANDLING AND STORAGE: Inside storage that is dry and well ventilated. Do not store adjacent to acidic substances.

OTHER PRECAUTIONS: None

**SECTION X
PREPARER AND DISCLAIMER**

The information and recommendations contained herein are to the best of MAG-IT's knowledge and belief, accurate and reliable as of the date issued. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use of this product is beyond the control of MAG-IT, no guarantee, expressed or implied, is made by MAG-IT.

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DATE: 5 March 1996

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