

# MATERIAL SAFETY DATA SHEET

Prepared According to 29 CFR 1910, 1200

4899-2  
N/A (Not Applicable) N/E (Not Established)

## SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: NAM #1  
GENERIC NAME:  
CHEMICAL FAMILY: Lime Remover  
PROPER SHIPPING NAME: Acid Mixture  
Corrosive Liquid, N.O.S., 8 (Phosphoric Acid)  
UN1760, PGIII

## HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH \_\_\_\_\_ 2  
FLAMMABILITY \_\_\_\_\_ 0  
REACTIVITY \_\_\_\_\_ 0  
PERSONAL PROTECTION \_\_\_\_\_ C

## HAZARD RATING

4 = EXTREME  
3 = HIGH  
2 = MODERATE  
1 = SLIGHT  
0 = INSIGNIFICANT

## SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS#	TLV	% WT (OPT)
Phosphoric acid	7664-38-2	1 mg/m3	<20%

## SECTION III - PHYSICAL DATA

PHYSICAL DESCRIPTION: Clear liquid  
BOILING RANGE (°F): 200°F  
VAPOR PRESSURE: N/E  
% VOLATILE: N/A  
SOLUBILITY IN WATER: Complete  
SPECIFIC GRAVITY: 1.16  
EVAPORATION RATE: N/E  
pH:

## SECTION IV - SPECIAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: None generally required  
PROTECTIVE GLOVES: Impervious  
EYE PROTECTION: Safety glasses or goggles recommended  
VENTILATION: Room ventilation is generally adequate  
OTHER PROTECTIVE EQUIPMENT: Sufficient to prevent skin contact. Eyewash and shower located near the workplace.

## SECTION V - REACTIVITY DATA

STABILITY: Stable  
INCOMPATIBILITY (Materials to Avoid): May spatter upon contact with water or solvent

HAZARDOUS DECOMPOSITION PRODUCTS: None known

HAZARDOUS POLYMERIZATION: Will not occur

## SECTION VI - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Non flammable  
UPPER EXPLOSIVE LIMIT: N/A LOWER EXPLOSIVE LIMIT: N/A  
EXTINGUISHING MEDIA: Use appropriate extinguishing media for the surrounding fire.  
SPECIAL FIRE FIGHTING PROCEDURES: Self contained breathing apparatus and full protective clothing should be worn when fighting fires involving chemicals.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

## SECTION VIII - HEALTH HAZARDS

### EFFECTS OF OVEREXPOSURE (Primary Route of Entry)

SKIN: Corrosive  
EYES: Corrosive  
INHALATION: Corrosive

CARCINOGENS: None suspected  
NTP: OSHA:  
IARC: ACGIH:  
OTHER:

## SECTION VII - FIRST AID

EYES: Flush with water for at least 15 minutes, be sure to keep eyelids opened. Get immediate medical attention if irritation persists.

SKIN: Wash with plenty of soap and water. Wash contaminated clothing before wearing. Get medical attention if irritation persists.

INGESTION: Give milk or water to dilute. DO NOT INDUCE VOMITING. Get immediate medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

INHALATION: Remove victim to fresh air. If person is having difficulty in breathing, perform artificial respiration and get immediate medical attention.

## SECTION IX - STORAGE AND HANDLING

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Use common sense and sound industrial hygiene practices when handling this material as well as any other materials. Keep container closed when not in use. Wash hands after handling. Keep out of reach of children. Wear appropriate personal protection to avoid eye and skin contact.

Manufactured By: **WARSAW CHEMICAL CO., INC.**  
390 Argonne Road, P.O. Box 858  
Warsaw, IN 46581  
574-267-3251 FAX: 574-267-3884

## SECTION X - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear necessary personal protective equipment. Evacuate all unnecessary personnel. Dike area to prevent spreading of the spilled material. Cover with an inert absorbent (sand, clay, etc.), shovel into appropriate containers, and dispose of in accordance with federal, state, and local regulations.

EMPTY CONTAINERS DISPOSAL: Any disposal practices must be in compliance with federal, state and local laws. Any questions regarding disposal should be directed to the proper government agency.