



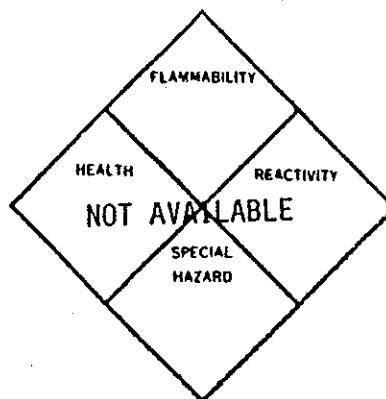
ALL PURE CHEMICAL COMPANY

Post Office Box 268 • Tracy, CA 95376-0268 • Telephone (209) 835-5423

MATERIAL SAFETY DATA SHEET #AP9400M

ALL PURE CHEMICAL CO.
P.O. BOX 268
TRACY, CA 95376

EMERGENCY NUMBERS:
(209) 835-5423
(209) 836-5405
(415) 632-7373



NFPA RATING

PRODUCT IDENTIFICATION

TRADE NAME: ALL PRO CLEANSER

CHEMICAL NAME AND CAS NUMBER: NONE

THIS PRODUCT WHEN TESTED AS A WHOLE IS CONSIDERED AS AN EYE IRRITANT.

PHYSICAL PROPERTIES

VAPOR DENSITY (AIR = 1): NOT APPLICABLE
SPECIFIC GRAVITY (WATER = 1): 1.3233
SOLUBILITY IN WATER: SLIGHTLY
VAPOR PRESSURE, mmHg @ 20°C: NOT APPLICABLE
EVAPORATION RATE (WATER = 1): NOT APPLICABLE
pH (1% SOLUTION): 10.1 - 10.5
MELTING POINT OR RANGE: NOT APPLICABLE
BOILING POINT OR RANGE: NOT APPLICABLE
VOLATILE (% BY VOLUME): LESS THAN .25%
APPEARANCE AND ODOR: WHITE POWDER WITH SLIGHT BLEACH ODOR.

FIRE AND EXPLOSION INFORMATION

FLASH POINT: NON-FLAMMABLE
AUTO IGNITION TEMPERATURE: NOT APPLICABLE
FLAMMABLE LIMITS IN AIR: NOT APPLICABLE
FIRE EXTINGUISHING MEDIA: WATER, CARBON DIOXIDE OR DRY
CHEMICAL
SPECIAL FIGHTING PROCEDURES: NORMAL FIGHTING PROCEDURES MAY
BE USED.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NO SPECIAL HAZARD KNOWN.

MATERIAL SAFETY DATA SHEET (CONT.)

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT DEG. C (F): None

FLAMMABLE LIMITS IN AIR: NOT APPLICABLE

AUTOIGNITION TEMPERATURE DEG. C (F): NOT APPLICABLE

EXTINGUISHING MEDIA: NOT COMBUSTIBLE. USE APPROPRIATE
EXTINGUISHING MEDIA FOR MATERIAL THAT IS SUPPLYING FUEL. USE
WATER SPRAY TO COOL THE SURROUNDING AREA AND TO MAINTAIN FIRE
TEMPERATURE BELOW DECOMPOSITION TEMPERATURE.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR PROTECTIVE CLOTHING
AND USE SELF-CONTAINED BREATHING APPARATUS. DIKE AREA TO
PREVENT RUNOFF AND CONTAMINATION OF WATER SOURCES.

UNUSUAL FIRE AND EXPLOSION HAZARDS: UNDER FIRE CONDITIONS
(OR AT TEMPERATURES GREATER THAN 650 DEG. C (1202 F),
DECOMPOSES TO GIVE OFF SULFUR TRIOXIDE, AN OXIDIZING AGENT
WHICH WILL SUPPORT COMBUSTION. SULFUR TRIOXIDE WILL REACT
WITH WATER TO FORM SULFURIC ACID.

REACTIVITY DATA

STABILITY: STABLE AT AMBIENT TEMPERATURES AND ATMOSPHERIC
PRESSURE. AT TEMPERATURES GREATER THAN 650 DEG. C (1202 F),
IT DECOMPOSES TO FORM ALUMINUM OXIDE AND SULFUR TRIOXIDE.

CONDITONS TO AVOID: TEMPERATURES AT OR NEAR DECOMPOSITION
TEMPERATURE.

MATERIALS TO AVOID: REACTS WITH STRONG ALKALIES TO FORM
ALUMINUM HYDROXIDE. ON CONTACT WITH MOISTURE, AN ACIDIC
SOLUTION FORMS. WEAKLY CORROSIVE TO CARBON STEEL.

HAZADOUS DECOMPOSITON PRODUCTS: DECOMPOSITION PRODUCTS MAY
BE HAZARDOUS. THESE MAY INCLUDE ALUMINUM OXIDE AND SULFUR
OXIDES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

HEALTH HAZARD DATA

EXPOSURE LIMITS:

ALUMINUM SOLUBLE SALTS: 2 mg/m3 TWA, ACGIH TLV & OSHA
PEL

MATERIAL SAFETY DATA SHEET (CONT.)

SPECIAL HANDLING INFORMATION

VENTILATION: NONE REQUIRED WITH NORMAL USE.

RESPIRATORY PROTECTION: NONE REQUIRED UNDER NORMAL USE CONDITIONS. FOR BULK HANDLING OR OTHER DUSTY CONDITIONS, USE RESPIRATORY PROTECTION APPROVED BY NIOSH FOR DUST.

EYE PROTECTION: NONE REQUIRED UNDER NORMAL USE CONDITIONS.

PROTECTIVE GLOVES: RUBBER GLOVES PREFERRED FOR SENSITIVE SKIN OR PROLONGED USE OF THE PRODUCT.

OTHER PROTECTIVE MEASURES: NONE

OTHER HANDLING AND STORAGE INFORMATION: AVOID MOISTURE TO PREVENT LOSS OF BLEACHING ACTION AND TO PREVENT CAKING.

U.S. DEPT. OF TRANSPORTATION (D.O.T.) SHIPPING INFORMATION

NOT REGULATED AS A HAZARDOUS MATERIAL BY DOT OR IMO

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DATE OF LATEST REVISION: MARCH 1, 1990