

MATERIAL SAFETY DATA SHEET

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01/05

PRODUCT:SUDSY AMMONIA

EMERGENCY ASSISTANCE

FOR EMERGENCY ASSISTANCE REGARDING CHEMICALS CALL:

GOLDEN PACIFIC: (510) 887-3862

SECTION 1: PRODUCT INFORMATION & PHYSICAL DATA

PRODUCT INFORMATION:

CHEMICAL NAME: AMMONIUM HYDROXIDE AND SURFACTANT

TRADE NAME AND SYNONYM: SUDSY AMMONIA, WATER OF AMMONIA

CHEMICAL FAMILY: AMMONIUM HYDROXIDE AND SURFACTANT

FORMULA: MIXTURE PROPRIETARY 5%

CAS NUMBER#: NONE FOR MIX

PHYSICAL DATA:

APPEARANCE: LIQUID, SUDSY

BOILING POINT: LESS THAN WATER

VAPOR PRESSURE: 2.0-2.5

SPECIFIC GRAVITY: 0.97

EVAPORATION RATE: LESS THAN 1

ODOR: PUNGENT, IRRITATING

SOLUBILITY: SOLUBLE

VAPOR DENSITY: 0.6

PERCENT VOLATILE BY VOLUME: 99.5

PH: 11.60

SECTION 2: HAZARDOUS COMPONENTS

MATERIAL & PERCENT: AMMONIUM HYDROXIDE 5%

SECTION 3: FIRE & EXPLOSION HAZARD DATA

FLASH POINT: NOT AVAILABLE

FLAMMABLE LIMITS IN AIR: NONE

EXTINGUISHING MEDIA TO BE USED: WATER

SPECIAL FIRE FIGHTING PROCEDURES: STRONG FUMES, USE PROTECTIVE BREATHING UNIT IN CONFINED AREAS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: OIL OR OTHER COMBUSTIBLES MAY INCREASE FIRE HAZARD.

SECTION 4: HEALTH HAZARD DATA

ROUTE OF ENTRY:

INHALATION: MOUTH OR NOSE, **INGESTION:** MOUTH, **ABSORPTION:** SKIN OR EYE CONTACT

EFFECTS OF OVEREXPOSURE: MAY CAUSE IRRITATION TO EYES AND SKIN, IRRITATION TO BREATHE, IRRITATION TO INGEST.

HEALTH EFFECTS AND RISKS FROM EXPOSURE:

ACUTE: IRRITATION TO EYES AND SKIN. MAY CAUSE RESPIRATORY DIFFICULTY WITHOUT PROPER BREATHING EQUIPMENT.

CHRONIC: MAY CAUSE RESPIRATORY DAMAGE WITHOUT PROPER BREATHING EQUIPMENT OVER PROLONGED PERIOD.

EMERGENCY FIRST AID

INHALATION: REMOVE TO FRESH AIR AND GIVE OXYGEN IF NECESSARY.

EYE CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST FIFTEEN MINUTES.

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER FOR FIFTEEN MINUTES.

INGESTION: IF SWALLOWED GIVE LOTS OF WATER, AND SEEK MEDICAL ATTENTION.

SECTION 5: REACTIVITY DATA

CONDITIONS TO AVOID: COMMON METALS

INCOMPATIBILITY (MATERIALS TO AVOID): DO NOT MIX WITH BLEACH. REACTS WITH COPPER AND ALUMINUM.

HAZARDOUS DECOMPOSITION: AMMONIA GAS

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 6: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF SPILL OCCURS: WEAR FULL PROTECTIVE GEAR AND AMMONIA RESPIRATOR. CONTAIN SPILL AND PLACE IN DOT CONTAINER.

WASTE DISPOSAL METHOD: DISPOSE OF ALL WASTE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL AGENCIES. HAVE HAULDED AWAY BY APPROVED STATE CONTRACTED HAULER.

SECTION 7: SPECIAL PROTECTION INFORMATION

RESPIRATOR PROTECTION: NIOSH APPROVED AMMONIA RESPIRATOR

VENTILATION: LOCAL EXHAUST-IF OVER 50 PPM

PROTECTIVE GLOVES: RUBBER

EYE PROTECTION: FACE MASK

OTHER PROTECTIVE EQUIPMENT: RUBBER APRON AND BOOTS

HANDLING & STORAGE CONDITIONS: STORE IN COOL DRY AREA AWAY FROM ALL OTHER CHEMICALS. DO NOT MIX WITH BLEACH OR OXIDIZERS.

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