

WELD CLEAN
MATERIAL SAFETY DATA SHEET

02/05/00

MSDS PROVIDED BY:

STOODY INDUSTRIAL AND WELDING SUPPLY, INC.

3316 National Ave., San Diego, CA 92113

Phone: (619) 234-6750

MILITARY EMERGENCY RESPONSE NUMBER 1 (800) 851-8061

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME: WELD CLEAN
PRODUCT USE: METAL CLEANING
CHEMICAL FAMILY: ACID

SUPPLIER NAME AND ADDRESS:
AMERICAN CHEMICAL & FLUX PRODUCTS
5722 UNION PACIFIC AVE
LOS ANGELES, CA 90022

MANUFACTURER NAME AND ADDRESS
AMERICAN CHEMICAL & FLUX PRODUCTS
5722 UNION PACIFIC AVE
LOS ANGELES, CA 90022

EMERGENCY TELEPHONE (323) 723-0713

UPDATED: 12-30-98
DATE PREPARED: 11/10/92

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	OSHA PEL Mg/M3	ACGIH TLV Mg/M3	Carcinogenicity
PHOSPHORIC ACID	7664-38-2	1	1(mg/M ³)	No
NONYLPHENOXY POLYETHOXYETHANOL	9016-45-9	Not established	Not established	No

SECTION III - PHYSICAL DATA

Physical State:
Odor and Appearance: CLEAR TO SLIGHTLY TURBID LIQUID
Specific Gravity (H₂O=1) 1.362
Boiling Point unknown
Vapor Pressure unknown
Vapor Density (Air=1) unknown
Solubility in Water complete
Evaporation Rate(Water=1) (butyl acetate=1) negligible
Percent Volatile negligible
By Volume
PH (5-50% solution) 1-1.5

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SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point(method used) None
Flammable Limits: Not applicable
Extinguishing Media: Will not burn or support combustion
Special Fire Fighting Procedures: If product is present in a fire, avoid exposure to skin and eyes from mists and splashes. Wear standard protective clothing & self contained breathing apparatus
Unusual Fire and Explosion Hazards:
May react with some metals including: aluminum, magnesium and zinc resulting in the evolution of hydrogen gas.

SECTION V-REACTIVITY DATA

Stability: Unstable X Stable
Conditions to avoid: not known

Incompatibility (materials to avoid) alkaline materials; materials containing chlorine

Hazardous Decomposition or Byproducts: When heated to decomposition, may emit fumes of phosphorus oxides, Hydrogen

Hazardous Polymerization: May Occur X Will Not Occur

Conditions to Avoid: not applicable

SECTION VI- HEALTH HAZARD DATA

Inhalation of mist may cause respiratory irritation with coughing, sneezing, salivation and difficult breathing. Severe exposures may lead to chemical pneumonitis. Skin irritation or severe burns: burning sensation may be delayed. Eye contact causes severe or permanent damage.

Carcinogenicity: No

Signs and Symptoms of Exposure: Direct contact causes burns of eyes and may cause burns to skin. Inhalation of mist may cause irritation of mucous membranes.

Medical Conditions Generally aggravated by Exposure: None known

Emergency and First Aid Procedures: Ingestion: Contact local poison control or physician Eyes: Immediately flush with large amounts of water for at least 15 minutes. Get prompt medical attention. Skin: Immediately remove contaminated clothing; wash skin with large amounts of water. Inhalation: Move victim to fresh air away from exposure. Get medical attention.

SECTION VII- PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:

Wear personal protective equipment. Contain spill, add soda ash or lime and dispose in accordance with local, state and Federal regulations.

Waste Disposal Method: Neutralize with alkaline material, dilute, and discharge in accordance with local, state and Federal regulations. Phosphate removal may be necessary.

Precautions to be taken in handling and storing: Avoid contact with skin, eyes & clothing. Wash thoroughly after handling. Avoid breathing mist. Suitable for general indoor storage away from heat and out of direct sunlight. (keep from freezing)

Other precautions: Freezes below 5°F (restores on thawing) Avoid storing or mixing with materials containing chlorine. Before opening, relieve any pressure build-up in drum by loosening bung slowly. Keep container closed when not in use.

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SECTION VIII- CONTROL MEASURES

Respiratory Protection: If TLV is exceeded, or for symptoms of overexposure, wear a NIOSH approved dust/mist respirator.

Local Exhaust: Provide adequate ventilation for removal of mist at elevated temperatures.

Protective Gloves: Neoprene or other Eye Protection: Wear chemical splash goggles or chemical resistant gloves and apron or coveralls as needed. Face shield.
Other Protective Clothing or Equipment: Recommend eye wash and safety shower near use area

SPECIAL PRECAUTIONS: Corrosive. Do not add to chlorine-releasing materials.