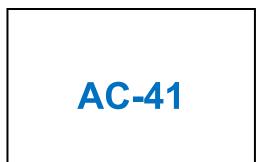


Navy Brand Manufacturing CO.

3670 Scarlet Oak BLVD

St. Louis, MO 63122

Emergency Telephone NO: 1.800.255.3924 CHEM-TEL And Other Information Calls: 1.800.325.3312, 1.636.861.5500



# **Safety Data Sheet**

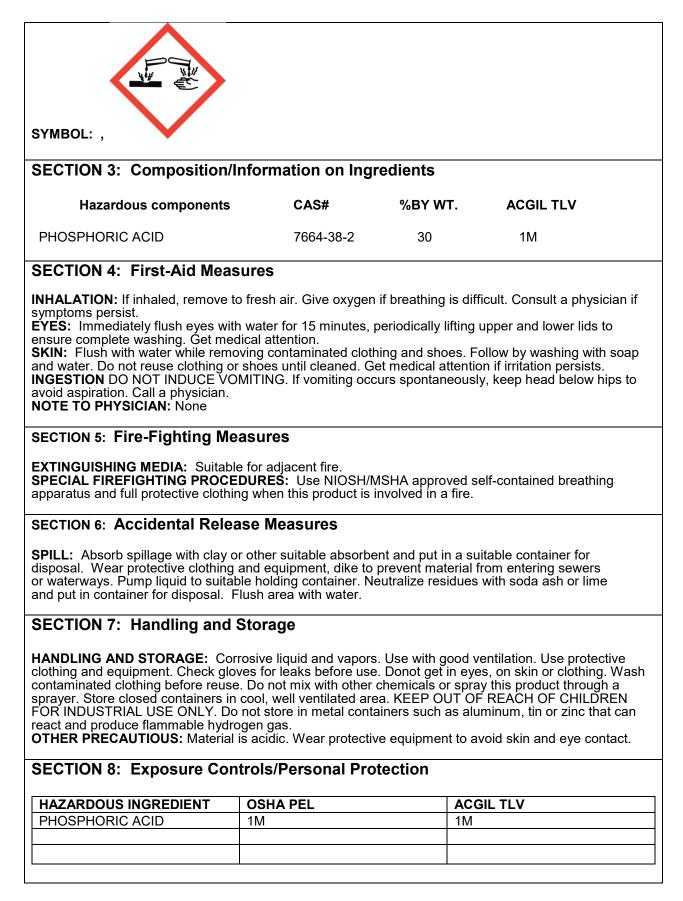
# SECTION 1: Product & Company Identification

1.1 PRODUCT NAME: AC-41
SYNONYMS: N/A
RESTRICTIONS: Use in well ventilated room
CHEMICAL FORMULA: Proprietary
PRODUCT USE: Multi-purpose acid cleaner.
PRODUCT CODES: 16-076M
1.2 MANUFACTURER: Navy Brand Manufacturing CO 3670 Scarlet Oak Blvd St. Louis, MO 63122
1.3 EMERGENCY TELEPHONE NUMBER: 1.800.255.3924 (CHEM-TEL)

SECTION 2: Hazard(s) Identification PHYSICAL HAZARDS: Corrosive to metals: Category 1 HEALTH HAZARDS: Skin Corrosion/irritation Category 2 Serious eye damage/eye irritation Category 1

SIGNAL WORD: Danger

**HAZARD STATEMENT:** May be corrosive to metals. Causes skin irritation. Causes serious eye damage. **PRECAUTIONARY STATEMENTS:** Keep out of reach of children. Keep only in original container. Do not breathe mist or vapor. Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area. Wear protective gloves/protective clothing/eye protection/ face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do-continue rinsing. Wash contaminated clothing before reuse. Store away from incompatible materials. Store in well ventilated place. Keep container tightly closed.



#### PRODUCT: AC-41

VENTILATION: Adequate ventilation to keep vapor concentrations below exposure limits. **RESPIRATORY PROTECTION**: When exposure limits are exceeded, use of a NIOSH approved acidtype vapor respirator or airline mask is recommended. **PROTECTIVE GLOVES**: Rubber, Neoprene **EYE PROTECTION**: Chemical goggles or faceshield **ADDITIONAL MEASURES**: Safety shower, eye bath and washing facilities should be available.

# SECTION 9: Physical and Chemical Properties

APPEARANCE: Water clear ODOR: Odorless SPECIFIC GRAVITY (water=1): 1.14-1.16 FLASH POINT: None (Tag Closed Cup) STABILITY: Stable BOILING POINT (F): >232 FREEZE POINT (F): ND VAPOR PRESSURE (mmHg): ND VAPOR DENSITY (Air=1): ND SOLUBILITY IN WATER: Complete PERCENT VOLATILE BY VOLUME (%): NA EVAPORATION RATE (Butyl Acetate=1): < 1 pH (AS RECEIVED): ~1

# **SECTION 10:** Stability and Reactivity

**CONDITIONS TO AVOID**: Do not store in metal containers such as aluminum and galvanized steel. Corrosion could generate flammable hydrogen gas.

**INCOMPATIBILITY (Materials to Avoid):** Strong oxidizers, alkalis, amines, cyanides and sulfides. Reaction with metals such as aluminum, tin and zinc generates flammable hydrogen. Hypochlorite bleach may produce skin sensitizing sultones.

HAZARDOUS DECOMPOSTITION OR BY-PRODUCT: Oxides of phosphorus.

HAZARDOUS POLYMERIZATION: Will not occur

# **SECTION 11:** Toxicological Information

ROUTES OF ENTRY: Primary-Eyes, skin, inhalation and ingestion EYES: Moderate eye irritation INGESTION: Medical attention immediately INHALATION: Respiratory support SKIN: Moderate skin irritation MEDICAL CONDITIONAL AGGRAVATED: Pre-existing eye, skin or upper respiratory conditions. ACUTE HEALTH HAZARDS: Contact will cause severe burns to the eyes and skin with possible irreversible damage to the eyes. Breathing mists and vapors can damage the upper respiratory tract and can cause serious damage to mucous membranes with possible perforation and scarring of affected tissue. CHRONIC HEALTH HAZARDS: None known CARCINOGENICITY: No OSHA: No ACGIH: NTP: IARC: OTHER:

# **SECTION 12: Ecological Information**

**BIODEGRADABILITY**: No further relevant information available **BIOACCUMULATION**: No further relevant information available **SOIL MOBILITY**: No further relevant information available

# **SECTION 13:** Disposal Considerations

**WASTE DISPOSAL:** Disposal should be made in accordance with Federal, State and Local regulations.

### **SECTION 14: Transport Information**

UN NUMBER: UN1805 DOT SHIPPING NAME: Phosphoric Acid, Solution DOT CLASSIFICATION: 8 PACKING GROUP: III DOT LABELS: Corrosive

### **SECTION 15: Regulatory Information**

SARA 311/312 HAZARD CATEGORES: Immediate-Health SARA 313 REPORTABLE INGREDIENTS: Phosphoric Acid CAS# 7664-38-2 STATE REGULATIONS: N/A CERCLA HAZARDOUS SUBSTANCE & RQ: Phosphoric Acid CAS# 7664-38-2, RQ, 5,000 LBS.

# **SECTION 16:** Other Information

#### N/A

NOTICE: No REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTIBLITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERING THE PRODUCT REFERRED TO IN THIS SAFETY DATA SHEET(SDS). The information and recommendations contained in the SDS are supplies pursuant to 29 C.F.R. 1910.1200 of the Occupation Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof. NAVY BRAND MANUFACTURNG COMPANY, however, makes no representations as to the completeness or accuracy thereof, and information is supplied upon the express conditions that the persons receiving same will be required to make their own determination as to its suitability for their purpose prior to use. In no event will NAVY BRAND MANUFACTURRING COMPANY be responsible for any damages of any nature whatsoever resulting from the use of, reliance upon, or the misuse of this information. The information as supplied herein is simply to be informative and intended solely to alert the user of substance which is the subject matter of this Safety Data Sheet. The compliance with respect to products liability, rests solely upon the purchaser thereof.

#### **Codes and Abbreviations:**

0- Insignificant 1- Slight 2- Moderate

3- High

4- Extreme

NA- NOT APPLICABLE NE- NOT ESTABLISHED ND- NOT DETERMINED UNK- UNKNOWN PEL- PERMISSIBLE EXPOSURE LIMIT p-PPM M-mg/M3 c-Celling STEL- SHORT TERM EXPOSURE LIMIT TLV- Threshold Limit Value

10/22/18