

KEYSTONE CLEAN-X CORPORATION

MATERIAL SAFETY DATA SHEET

MSDS DATE: 07/07/08

PRODUCT NAME: **KEYSTONE CLEAN-X CLEANER “#86” OR “CW600”**

EMERGENCY PHONE NUMBER: **CHEMTREC 1-800-424-9300** AFTER 5:00 PM EST

I. PRODUCT IDENTIFICATION

MANUFACTURE:

Keystone Clean-X Corporation	Telephone: 1-800-784-9370
855 Industrial Highway Unit #1	1-609-786-4443
Cinnaminson, NJ 08077	Fax: 1-609-786-4350

DISTRIBUTED BY: Chaffee-Ward Corporation AKA: “CW600”

CHEMICAL FAMILY: Alkaline Cleaning Compound, Liquid	CAS NUMBER: None for Mixture
---	--

DOT PROPER SHIPPING NAME: COMPOUND, CLEANING, LIQUID,
(CONTAINING POTASSIUM HYDROXIDE (8) NA1760 PGII)

DOT HAZARD CLASS: Corrosive (8)

DOT I.D. NUMBER: NA1760

HAZARDOUS SUBSTANCE: POTASSIUM HYDROXIDE

II. HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	HAZARD DATA	CAS NUMBER
------------------------------	--------------------	-------------------

POTASSIUM HYDROXIDE -	PEL: NONE ESTABLISHED TLV: 2mg/m 3	1310-58-3
-----------------------	---------------------------------------	-----------

HMIS HAZARD RATING:

HEALTH HAZARD: 3 FLAMMABILITY: 0 REACTIVITY: 2 SPECIAL: NONE

CAS = CHEMICAL ABSTRACT SERVICE NUMBER
PEL = OSHA PERMISSABLE EXPOSURE LIMIT
TLV = ACGIH THRESHOLD LIMIT VALUE CURRENT

ND = NO RELEVANT INFORMATION OR NOT AVAILABLE
NA = NOT APPLICABLE
CEL = CORPORATE EXPOSURE LIMIT

IMPORTANT: THE INFORMATION PRESENTED HEREIN IS BELIEVED TO BE RELIABLE. HOWEVER, NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO ITS ACCURACY OR COMPLETENESS, AND NONE IS MADE AS TO THE FITNESS OF THIS MATERIAL FOR ANY PURPOSE. THE MANUFACTURER SHALL NOT BE LIABLE FOR DAMAGES TO PERSON OR PROPERTY RESULTING FROM ITS USE. NOTHING HEREIN SHALL BE CONSTRUED AS A RECOMMENDATION FOR USE IN VIOLATION OF ANY PATENT.

III. HEALTH HAZARD INFORMATION

EMERGENCY AND FIRST AID PROCEDURES FOR CONTACT WITH PRODUCT IN PURE AND READY-TO-USE FORM

EYES: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids apart and away from eyeballs during irrigation. Get immediate medical attention.

SKIN: Immediately wash with plenty of water for 15 minutes. Remove contaminated clothing and footwear. If irritation occurs, get medical attention.

INHALATION: Remove person from contaminated area to fresh air. Get medical attention.

INGESTION: DO NOT INDUCE VOMITING. Give large quantities of water. If available, give several glasses of milk. Get immediate medical attention.

ROUTES OF EXPOSURE

INHALATION: Airborne concentrations of vapors, mist or spray may cause damage to the upper respiratory tract, and even to the lung tissue proper, which could produce chemical pneumonia.

SKIN: This product is destructive to tissues and produces severe burns.

EYE CONTACT: This product is destructive to eye tissue on contact.

INGESTION: This product, if swallowed, can cause severe burns and complete tissue perforation of mucous membranes of the mouth, throat, esophagus and stomach.

EFFECTS OF OVEREXPOSURE

ACUTE: Corrosive to all body tissues with which it comes in contact.

CHRONIC: Chronic exposure may cause irritation or damage to the respiratory system.

HEALTH HAZARD DATA: The materials in this product are listed in the TSCA Inventory. They are not listed as carcinogenic by IARC, NTP, OSHA, ACGIH. Potassium Hydroxide is a strong oxidizer and is corrosive to living tissue.

IV. FIRE AND EXPLOSION DATA

FLASH POINT: NOT FLAMMABLE

AUTOIGNITION TEMPERATURE: NA

FLAMMABLE LIMITS IN AIR, % BY VOLUME: UPPER: NA LOWER: NA

EXTINGUISHING MEDIA: This product is not combustible.

SPECIAL FIRE FIGHTING PROCEDURES: Protective clothing and pressure demand, self-contained breathing apparatus should be worn by firefighters in areas where product is stored.

UNUSUAL FIRE AND EXPLOSION HAZARD: NONE

V. SPECIAL PROTECTION

VENTILATION REQUIREMENTS: Local exhaust sufficient to reduce vapor and acid below permissible TLV levels.

SPECIAL PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Use a respirator approved by NIOSH. Some exposure may require a NIOSH approved, self-contained breathing apparatus.

EYE PROTECTION: Use Chemical plastic lenses, safety goggles or full-face shield.

PROTECTIVE GLOVES: Always wear protective gloves made of Neoprene or PVC when handling product.

OTHER PROTECTION: Wear rubber apron, rubber boots and face shield.

VI. PHYSICAL DATA

BOILING POINT: ND

MELTING POINT: NA

VAPOR PRESSURE: ND

SPECIFIC GRAVITY: 1.12

SOLUBILITY IN WATER: Complete

APPEARANCE AND ODOR: Clear liquid with a pleasant fruity odor

pH: 12

VII. REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY: Under normal conditions product is stable.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

INCOMPATIBILITY: Do not store in glass, aluminum, tin, zinc and alloys containing these metals.

POLYMERIZATION: Material is not known to polymerize.

VIII. HANDLING AND STORAGE

FOR DIRECT CONTACT WITH PRODUCT IN DRUMS OR BULK STORAGE TANKS:

Do not get in eyes, on skin or on clothing. Do not take internally. Use with adequate ventilation. When exposed to concentrated vapors in a confined space, use of respiratory protection may be necessary. When handling, wear chemical splash goggles, rubber apron, shoes and rubber gloves. Wash thoroughly after handling as exposure can cause burns, which are not immediately painful or visible. Keep containers tightly closed. Store in cool dry location away from incompatible materials. Product is corrosive to tin, aluminum, zinc and alloys containing these materials. Avoid breathing vapors, mist or spray.

IX. ENVIRONMENTAL PROCEDURES

STEPS TO BE TAKEN IF MATERIAL LEAKS OR IS SPILLED:

Leaks should be stopped. Spills should be contained and cleaned up immediately. Neutralize with any diluted inorganic acid. The spill area should then be flushed with water followed by liberal covering of sodium bicarbonate. Persons performing clean up work should wear adequate protective clothing and equipment.

WASTE DISPOSAL METHOD: Treat or dispose of according to regulations under the Resource Conservation and Recovery Act as administered by the USEPA or appropriate State agency.