

VALCO CINCINNATI CONSUMER PRODUCTS INC.
MATERIAL SAFETY DATA SHEET
MATERIAL NAME: PRE-SOAK CLEANING CONCENTRATE
PART NUMBERS:
EMERGENCY TELEPHONE NO.: CALL INFOTRAC AT 1-800-535-5053
PRODUCT INFORMATION NO.: (513) 874-6550
DATE ISSUED: AUGUST 2009

SECTION I – GENERAL INFORMATION

MANUFACTURER'S NAME: VALCO CINCINNATI, INCORPORATED
ADDRESS: 411 CIRCLE FREEWAY DRIVE, CINCINNATI, OHIO 45246
TRADE NAMES & SYNONYMS: PRE-SOAK CLEANING CONCENTRATE
DOT HAZARD CLASSIFICATION: POTASSIUM HYDROXIDE SOLUTION
TRANSPORTATION INFORMATION:
PROPER DOT SHIPPING NAME: POTASSIUM HYDROXIDE SOLUTION
HAZARD CLASS: 8 **PACKAGING GROUP:** II **UN#:** 1814
HMIS RATING: (0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS, 4=SEVERE HAZARD)
HEALTH: 3 **FLAMMABILITY:** 0 **REACTIVITY:** 0
DILUTION OVER 30 TO 1: **HEALTH:** 2 **FLAMMABILITY:** 0 **REACTIVITY:** 0

SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS

<u>HAZARDOUS INGREDIENTS:</u>	<u>EFFECT</u>	<u>CAS#</u>	<u>PERCENT</u>
POTASSIUM HYDROXIDE	CORROSIVE TO SKIN & EYES	7732-18-5	0-10
SODIUM METASILICATE	CORROSIVE TO EYES	6834-92-0	0-5
TETRASODIUM EDTA	SKIN & EYE IRRITANT	64-02-8	0-5
NTA Nag MONOHYDRATE	CORROSIVE TO EYES	5064-31-3	0-3
PROPRIETARY SURFACTANT BLEND	EYE IRRITANT	N/A	0-10
<u>HAZARDOUS INGREDIENTS:</u>	<u>EXPOSURE LIMITS OF INGREDIENTS</u>		
	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	
POTASSIUM HYDROXIDE	2MG/M3	2MG/M3	
SODIUM METASILICATE	NOT ESTABLISHED	NOT ESTABLISHED	
TETRASODIUM EDTA	NOT ESTABLISHED	NOT ESTABLISHED	
NTA Nag MONOHYDRATE	NOT ESTABLISHED	NOT ESTABLISHED	
PROPRIETARY SURFACTANT BLEND	NOT ESTABLISHED	NOT ESTABLISHED	

SECTION III – HEALTH HAZARD DATA

SPECIAL NOTE: MSDS DATE PERTAINS TO THE PRODUCT AS DISPENSES FROM THE CONTAINER. ADVERSE EFFECTS WOULD NOT BE EXPECTED UNDER RECOMMENDED CONDITIONS OF USE (DILUTED) SO LONG AS RECOMMENDED SAFETY PRECAUTIONS ARE PRACTICED.

ACUTE EFFECTS OF OVEREXPOSURE: CORROSIVE ON CONTACT. OVEREXPOSURE WILL PRODUCE TISSUE DESTRUCTION PARTICULARLY ON MUCOUS MEMBRANES OF EYES, MOUTH, AND RESPIRATORY TRACT. EYE CONTACT MAY PRODUCE SEVERE IRRITATION AND BLINDNESS UNLESS IMMEDIATELY FLUSHED. CONCENTRATED SOLUTIONS MAY PRODUCE IMMEDIATE SKIN DAMAGE. SKIN CONTACT WITH DILUTE SOLUTIONS MAY PRODUCE SEVERE IRRITATION WHICH INTENSIFIES AS CONTACT CONTINUES. INHALATION OF MISTS MAY PRODUCE SEVERE NASAL AND RESPIRATORY IRRITATION OR PERMANENT DAMAGE. INGESTION WILL PRODUCE TISSUE DAMAGE OF THE GASTROINTESTINAL TRACT. INGREDIENTS IN THIS PRODUCT MAY AGGRAVATE EXISTING SKIN, EYE OR RESPIRATORY DISORDERS.

CHRONIC EFFECTS OF OVEREXPOSURE: REPEATED OR PROLONGED EXPOSURE OF SKIN CAN PRODUCE CHRONIC DERMATITIS CHARACTERIZED BY REDNESS, SCALING AND BLISTERING. REPEATED OVEREXPOSURE TO SPRAY MISTS MAY LEAD TO CHRONIC EYE INFLAMMATION, CHRONIC RESPIRATORY TRACT IRRITATION OR LUNG DAMAGE. NONE OF THE INGREDIENTS ARE LISTED AS CARCINOGENS BY IARC, NTP OR OSHA.

SECTION IV – FIRST AID MEASURES

EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING UPPER AND LOWER EYELIDS. GET IMMEDIATE MEDICAL ATTENTION.
SKIN: RINSE WELL WITH WATER. REMOVE CONTAMINATED CLOTHING. GET IMMEDIATE MEDICAL ATTENTION.
INGESTION: GIVE WATER TO DRINK IF CONSCIOUS. DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.
INHALATION: MOVE TO FRESH AIR AT ONCE. GET IMMEDIATE MEDICAL ATTENTION.

SECTION V – FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: FLASH POINT: NONE
METHOD USED: NOT APPLICABLE
PRODUCT WILL NOT BURN. NO KNOWN HAZARDOUS DECOMPOSITION PRODUCTS.
UNUSUAL FIRE & EXPLOSION HAZARDS: UPON CONTACT WITH DUSTS OF AL, SN, OR ZN, MAY PRODUCE HYDROGEN GAS, WHICH IS FLAMMABLE.
FIRE FIGHTING PROCEDURES: APPROPRIATE FOR SURROUNDING MATERIALS.

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SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILLS & LEAKS: SMALL SPILLS: RINSE TO DRAIN
LARGE SPILLS: CONTAIN FOR RECLAMATION OR DISPOSAL
CAUTION: SPILLS OF THIS MATERIAL MAY CAUSE FLOOR TO BECOME SLIPPERY

SECTION VII – HANDLING & STORAGE

STORE IN ORIGINAL CONTAINER AT TEMPERATURES BELOW 120°F.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

EYES: WHERE CHEMICAL GOGGLES
SKIN: NEOPRENE GLOVES. RUBBER APRON IF GREATER EXPOSURE IS LIKELY
RESPIRATORY: GOOD GENERAL VENTILATION. RESPIRATOR NOT NORMALLY REQUIRED.

SECTION IX – PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE & ODOR: BLUE, THIN LIQUID WITH CHARACTERISTIC ODOR
SOLUBILITY IN WATER: COMPLETE
% VOLATILE(W/W): >65, MOSTLY WATER
PH FULL STRENGTH: 13.0 TO 13.5
FREEZING POINT: NEAR WATER
SPECIFIC GRAVITY: 1.11

SECTION X – STABILITY AND REACTIVITY

STABILITY: THIS IS A STABLE MATERIAL
CONDITIONS TO AVOID: NONE KNOWN
MATERIALS TO AVOID: STRONG ACIDS, DUSTS OF ALUMINUM, TIN AND ZINC
HAZARDOUS POLYMERIZATION WILL NOT OCCUR

SECTION XI – TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE ON THIS MIXTURE.

SECTION XII – ECOLOGICAL INFORMATION

NO DATA AVAILABLE ON THIS MIXTURE. ALL SURFACTANT COMPONENTS ARE BIODEGRADABLE. THIS PRODUCT CONTAINS NO PHOSPHATES.

SECTION XIII – DISPOSAL CONSIDERATIONS

FOLLOW ALL FEDERAL, STATE AND LOCAL REGULATIONS APPROPRIATE FOR THIS MATERIAL. NEUTRALIZE PH WITH DILUTED ACID BEFORE DISPOSAL.

SECTION XIV – TRANSPORTATION INFORMATION

D.O.T. HAZARDOUSE MATERIAL CLASS: POTTASSIUM HYDROXIDE SOLUTION, CLASS 8, PG II UN#: 1814
NA NUMBER: NOT APPLICABLE

SECTION XIV – REGULATORY INFORMATION

FACILITIES STORING MORE THAN 38,000 GALLONS OF THIS MATERIAL MUST FILE A SARA TITLE III FOR POTASSIUM HYDROXIDE

SECTION XV - DISCLAIMER

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE; OBTAINED FROM SOURCES BELIEVED BY VALCO CINCINNATI, INC. TO BE ACCURATE. SINCE THE CONDITIONS AND METHODS OF USE OF OUR PRODUCT ARE BEYOND OUR CONTROL, WE DISCLAIM ANY AND ALL LIABILITY ARISING OUT OF THE IMPROPER USE OF THIS PRODUCT OR THE INFORMATION PROVIDED HERewith.