

**VALCO CINCINNATI CONSUMER PRODUCTS INC.**

**MATERIAL SAFETY DATA SHEET**

**MATERIAL NAME:** METAL POLISH PART NUMBERS 710XX610, 710XX611, 710XX640, & 710XX642

**PART NUMBERS (KITS):** 710XX376, 710XX419, 710XX608

**PART NUMBERS (DISPLAYS):** 710XX422, 710XX423, 710XX805, 710XX806

**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:** METAL POLISH

**DOT HAZARD CLASSIFICATION:** COMBUSTIBLE LIQUID

**TRANSPORTATION INFORMATION:**

**PROPER DOT SHIPPING NAME:** COMBUSTIBLE LIQUID N.O.S. (PETROLEUM DISTILLATES)

**HAZARD CLASS:** COMBUSTIBLE LIQUID **IDENTIFICATION NUMBER:** NA1993 **PKG GRP III**

**NOT REGULATED UNLESS SHIPPED IN CONTAINERS LARGER THAN 110 GALLONS**

**PLACARDS NEEDED FOR BULK SHIPMENTS ONLY**

**CHEMICAL FAMILY:** COMBUSTIBLE LIQUID

**HMIS RATING:** HEALTH-1 **FLAMMABILITY-1** **REACTIVITY-0** **PERSONAL PROTECTION-B**

**SHELF LIFE:** 3 YEARS

**SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS**

<b>COMPONENT</b>	<b>CAS NO.</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Aliphatic Hydrocarbons	08052-41-3	500 ppm	100 ppm
Toluene	108-88-3	200 ppm	50 ppm

**SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS**

**APPEARANCE AND ODOR:** OPAQUE, OFF-WHITE, VISCOUS LIQUID, SOLVENT ODOR

**BOILING POINT:** 320°F

**SPECIFIC GRAVITY:** 1.09

**VAPOR PRESSURE (mmHg):** 2.0

**VOC CONTENT:** 2.4 lb/gal

**VAPOR DENSITY (AIR=1):** 4.9

**SOLUBILITY IN WATER:** nil

**EVAPORATION RATE ():** N/D

**SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT (METHOD):** >142°F(TCC)

**FLAMMABLE LIMITS :** LEL:1.0% UEL:7.0%

**EXTINGUISHING MEDIA:** CARBON DIOXIDE, DRY CHEMICAL, OR REGULAR FOAM. DO NOT USE DIRECT WATER STREAM, MAY SPREAD FIRE.

**SPECIAL FIRE FIGHTING PROCEDURES:** WEAR SELF CONTAINED BREATHING APPARATUS WITH A FULL FACE-PIECE OPERATED IN THE POSITIVE PRESSURE MODE AND FULL BODY PROTECTION WHEN FIGHTING FIRES. AVOID ACCUMULATION OF WATER. PRODUCT MAY BE CARRIED ACROSS WATER SURFACE SPREADING FIRE OR CONTACTING AN IGNITION SOURCE.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** VIOLENT STEAM GENERATION OR ERUPTION MAY OCCUR UPON APPLICATION OF DIRECT WATER STREAM TO HOT LIQUIDS. SPILLS OF THESE ORGANIC LIQUIDS ON HOT FIBROUS INSULATIONS MAY LEAD TO LOWERING OF THE AUTO-IGNITION TEMPERATURES POSSIBLY RESULTING IN SPONTANEOUS COMBUSTION. NEVER USE A WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT OR RESIDUE CAN IGNITE EXPOSITELY.

**SECTION VI – HEALTH HAZARD DATA**

**ROUTES OF ENTRY:** EYES, SKIN, INGESTION, INHALATION

**CARCINOGENICITY:** NONE KNOWN **NTP:** N/A **IARC MONOGRAPHS:** N/A **OSHA REGULATED:** YES

**HEALTH HAZARDS(ACUTE AND CHRONIC):**

**EYE:** DIRECT CONTACT WILL CAUSE SEVERE IRRITATION OR DAMAGE TO THE EYES. IF NOT RAPIDLY REMOVED BY THOROUGH IRRIGATION WITH WATER, THERE MAY BE PROLONGED OR PERMANENT VISUAL DEFECTS OF THE EYES.

**SKIN:** CAUSES BURNS WHICH MAY NOT BE PAINFUL OR VISIBLE FOR SEVERAL HOURS. WEARING CLOTHING THAT IS CONTAMINATED WITH H.F. MAY RESULT IN DELAYED EFFECTS. H.F. CAN PENETRATE INTACT SKIN AND CAUSE BURNS UNLESS PROMPTLY REMOVED.

**INHALATION:** INHALING MISTS OR SPRAYS MAY DAMAGE RESPIRATORY SYSTEM.

**INGESTION:** SWALLOWING WILL CAUSE IRRITATION TO THE MOUTH, THROAT, AND DIGESTIVE TRACT.

**SIGNS AND SYMPTOMS OF EXPOSURE:**

**EYES:** IRRITATION OF THE MUCOUS MEMBRANES

**SKIN:** IRRITATION AND DEFATTING OF SKIN ON PROLONGED EXPOSURE

**INGESTION:** MAY RESULT IN VOMITING, NAUSEA

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**SECTION VI – HEALTH HAZARD DATA (CONT)**

**NFPA RATING:** HEALTH – 1      **FLAMMABILITY – 2**      **REACTIVITY - 0**

**INHALATION:** IRRITATION TO NOSE, THROAT AND RESPIRATORY TRACT

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** NONE CURRENTLY KNOWN.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH WITH WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

**SKIN:** WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND FOOTWEAR. SEE A PHYSICIAN.

**INGESTION:** DO NOT INDUCE VOMITING. USE GASTRIC LAVAGE. CALL A PHYSICIAN.

**INHALATION:** IMMEDIATELY REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF AVAILABLE. CALL PHYSICIAN.

**SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE AND CONTROL MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED :** SMALL SPILL USE SUITABLE ABSORBENT. DISPOSE OF AS FLAMMABLE SOLID. LARGE SPILL: REMOVE SOURCES OF IGNITION. DIKE AREA. PUMP LIQUID INTO SUITABLE TANK FOR RECOVERY OR DISPOSAL.

DISPOSE OF MATERIAL IN ACCORDANCE WITH ALL LAWS, FEDERAL, STATE AND LOCAL WASTE REGULATIONS.

**VENTILATION TYPE REQUIRED( LOCAL, MECHANICAL, SPECIAL):** USE WITH VENTILATION ADEQUATE TO MAINTAIN ON PEL.

**LOCAL EXHAUST:** N/A

**MECHANICAL(GENERAL):** YES

**SPECIAL:**N/A      **OTHER:** N/A

**RESPIRATORY PROTECTION(SPECIFY TYPE):**NOT NORMALLY NEEDED

**SKIN PROTECTION:** NOT NORMALLY NEEDED

**EYE PROTECTION:** FACE SHIELD RECOMMENDED-SAFETY GLASSES

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** NOT NORMALLY NEEDED

**WORK/HYGIENIC PRACTICES:** PROMPTLY WASH THOROUGHLY AFTER HANDLING ALL CHEMICALS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** STORE IN A COOL PLACE AWAY FROM POSSIBLE SOURCES OF IGNITION.

**STORAGE:** STORE TIGHTLY CLOSED CONTAINERS IN COOL DRY AREA. STORAGE TEMPERATURES BETWEEN 35°F AND 90°F ARE RECOMMENDED.

**OTHER PRECAUTIONS:** KEEP AWAY FROM OXIDIZING SUBSTANCES. KEEP CLOSURES ON CONTAINERS WHEN NOT IN USE. DISPOSAL OF EMPTY CONTAINERS: EMPTY CONTAINERS MAY CONTAIN FLAMMABLE FUMES. FLUSH WITH WATER BEFORE DISCARDING.

**SECTION VIII – TOXIC AND ECOLOGICAL INFORMATION**

NO SPECIFIC TOXICOLOGICAL DATA IS AVAILABLE FOR THIS PRODUCT. HOWEVER, ONE OF THE COMPONENTS, TOLUENE, MAY HAVE SERIOUS HEALTH EFFECTS IF CONCENTRATED AND INHALED. INSTANCES OF PROLONGED INTENTIONAL EXPOSURE (ABUSE) MAY RESULT IN DAMAGE TO MANY ORGANS. CENTRAL NERVOUS SYSTEM, VISION, HEARING, KIDNEY, HEART AND BLOOD EFFECTS MAY BE EXPERIENCED. TOLUENE MAY BE HARMFUL TO HUMAN FETUS BASED ON POSITIVE TEST RESULTS WITH LABORATORY ANIMALS. CASE STUDIES SHOW THAT PROLONGED INTENTIONAL ABUSE OF TOLUENE DURING PREGNANCY CAN CAUSE BIRTH DEFECTS IN HUMANS.

NO SPECIFIC ECOLOGICAL DATA IS REPORTED FOR THIS PRODUCT OR ITS COMPONENTS.

IF THIS PRODUCT BECOMES A WASTE IT IS THE USER'S RESPONSIBILITY TO DISPOSE OF THE MATERIAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

**SECTION IX– 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 HERE WITH.