

VALCO CINCINNATI CONSUMER PRODUCTS INC.
SAFETY DATA SHEET
MATERIAL NAME: METAL POLISH PART NUMBERS 710XX610, 710XX611, 710XX640
PART NUMBERS (KITS): 710XX376, 710XX419, 710XX608
PART NUMBERS (DISPLAYS): 710XX422, 710XX423
EMERGENCY TELEPHONE NO.: CALL INFOTRAC AT 1-800-535-5053
PRODUCT INFORMATION NO.: (513) 874-6550
DATE ISSUED: OCTOBER 2015

SECTION I – GENERAL INFORMATION

MANUFACTURER'S NAME: VALCO CINCINNATI, INCORPORATED
ADDRESS: 411 CIRCLE FREEWAY DRIVE, CINCINNATI, OHIO 45246
TRADE NAMES & SYNONYMS: METAL POLISH
RECOMMENDED USE: Metal Polish
SHELF LIFE: 3 YEARS

SECTION II – HAZARDS IDENTIFICATION

APPEARANCE Viscous opaque off white liquid.

PHYSICAL STATE: Liquid.

ODOR: Solvent odor.

CLASSIFICATION

Germ cell mutagenicity	Category 1B
Reproductive toxicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 1
Aspiration toxicity	Category 1
Flammable Liquids	Category 4

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

Causes mild skin irritation

SIGNAL WORD

Danger

HAZARD STATEMENTS

May cause genetic defects
Suspected of damaging fertility or the unborn child
Causes damage to organs through prolonged or repeated exposure
May be fatal if swallowed and enters airways
Combustible liquid



PRECAUTIONARY STATEMENTS – PREVENTION

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Keep away from heat/sparks/open flames/ hot surfaced – NO SMOKING

PRECAUTIONARY STATEMENTS – RESPONSE

If exposed or concerned: Get medical advice/attention
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do not induce vomiting
IN CASE OF FIRE: Use CO2, dry chemical or foam for extinction

PRECAUTIONARY STATEMENTS – DISPOSAL

Dispose of contents/container to an approved waste disposal plant

OTHER HAZARDS

Toxic to aquatic life with long lasting effects

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SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO	WEIGHT %
Mineral Spirits (Rule 66)	8052-41-3	20-25
Toluene	108-88-3	1-5

If Chemical Name/CAS No is “proprietary” and/or weight % is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION IV – FIRST AID MEASURES

FIRST AID MEASURES

GENERAL ADVICE	Provide this SDS to medical personnel for treatment.
EYE CONTACT	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
SKIN CONTACT	Wash off immediately with plenty of water for at least 15 minutes.
INHALATION	Remove to fresh air.
INGESTION	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.

MOST IMPORTANT SYMPTOMS AND EFFECTS

SYMPTOMS	Causes damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways. Causes mild skin irritation.
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INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

NOTE TO PHYSICIAN	Treat symptomatically.
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SECTION V – FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

Carbon dioxide (CO2). Dry chemical. Foam.

UNSUITABLE EXTINGUISHING MEDIA

Direct water stream may spread fire.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Combustible liquid. Violent steam generation or eruption may occur upon application of direct water stream. Spills of these organic liquids on hot fibrous insulations may lead to lowering of the auto ignition temperatures possibly resulting in spontaneous combustion.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

PERSONAL PRECAUTIONS	Use personal protective equipment as required. Remove all sources of ignition.
ENVIRONMENTAL PRECAUTIONS	See Section XII for additional Ecological Information.

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SECTION VI – ACCIDENTAL RELEASE MEASURES (CONT)

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

CONTAINMENT METHODS Prevent further leakage or spillage if safe to do so.

CLEAN UP METHODS Contain and collect with an inert absorbent and place into an appropriate container for disposal. Dispose of in accordance with federal, state and local regulations.

SECTION VII – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

ADVICE ON SAFE HANDLING Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Keep away from heat/sparks/open flames/hot surfaces.
NO SMOKING.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

STORAGE Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up.

INCOMPATIBLE MATERIALS None known based on information supplied.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mineral Spirits (Rule 66) 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m ³	IDLH: 20000 mg/m ³ Ceiling: 1800 mg/m ³ 15 min TWA: 350 mg/m ³
Touleve 108-88-3	TWA: 20 ppm	TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m ³ Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 560 mg/m ³

APPROPRIATE ENGINEERING CONTROLS

ENGINEERING CONTROLS Apply technical measures to comply with the occupational exposure limits. Showers. Eyewash Stations. Ventilation Systems.

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EYE/FACE PROTECTION	Protective glasses or face shield is recommended.
SKIN/BODY PROTECTION	No protective equipment is needed under normal use conditions.
RESPIRATORY PROTECTION	No protective equipment is needed under normal use conditions.
GENERAL HYGIENE	Handle in accordance with good industrial hygiene and safety practice.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE	Liquid
APPEARANCE	Viscous Opaque off white liquid
COLOR	Off white
ODOR	Solvent odor
ODOR THRESHOLD	Not determined

PROPERTY	VALUES	REMARKS/METHOD
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	160°C / 320°F	
Flash Point	61.1°C / 142°F	
Evaporation Rate	Not determined	
Flammability (solid, gas)	Liquid – not applicable	
Upper Flammability Limits	Not determined	
Lower Flammability Limits	Not determined	
Vapor Pressure	2.0 mmHg	
Vapor Density	4.9	(Air=1)
Specific Gravity	1.09	
Water Solubility	Nil	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	Not determined	

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SECTION X – STABILITY AND REACTIVITY

REACTIVITY

Not reactive under normal conditions.

CHEMICAL STABILITY

Stable under recommended storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS

None under normal processing.

CONDITIONS TO AVOID

Keep out of reach of children.

INCOMPATIBLE MATERIALS

None known based on information supplied.

HAZARDOUS DECOMPOSITION PRODUCTS

None known based on information supplied.

SECTION XI – TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE

EYE CONTACT Avoid contact with eyes.
SKIN CONTACT Causes mild skin irritation.
INHALATION Do not inhale.
INGESTION Do not ingest.

COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Toluene 108-88-3	= 2600 mg/kg (Rat)	= 12000 mg/kg (Rabbit)	= 12.5 mg/L (Rat) 4 h

INFORMATION ON PHYSICAL, CHEMICAL AND TOXICOLOGICAL EFFECTS

SYMPTOMS Please see Section IV of this SDS for symptoms.

DELAYED/IMMEDIATE EFFECTS – CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE

GERM CELL MUTAGENICITY May cause genetic defects
CARCINOGENICITY Group 3 IARC components are “not classifiable as human carcinogens”.

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SECTION XI – TOXICOLOGICAL INFORMATION (CONT)

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
Toluene 108-88-3		Group 3		

Legend

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

Reproductive toxicity Suspected of damaging fertility or the unborn child.

STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard May be fatal if swallowed and enters airways.

Numerical measures of toxicity

Not determined

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY

Toxic to aquatic life with long lasting effects.

COMPONENT INFORMATION

CHEMICAL NAME	ALGAE AQUATIC PLANTS	FISH	TOXICITY TO MICROORGANISMS	CRUSTACEA
Toluene 108-88-3	433:96 h Pseudokirchneriella Subcapitata mg/L EC50 12:5:72 h Pseudokirchneriella Subcapitata mg/L EC50 static	15.22-19.05 96 h Pimephales promelas mg/L LC50 flow-through 12:6 96 h Pimephales promelas mg/L LC50 static 11.0-15.0 96 h Lepomis macrochirus mg/L LC50 static 5.89-7.81 96 h Oncorhynchus mykiss mg/L LC50 flow-through: 96 h Oryzias latipes mg/L LC50 static 28.2:96 h Poecilia reticulate mg/L LC50 semi- static 50.87-70.34: 96 h Poecilia reticulate mg/L LC50 static 14.1 – 17.16: 96 h Oncorhynchus mykiss mg/L LC50 static 5.8: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	EC50 = 19.7 mg/L 30 min	5.46 – 9.83: 48 h Daphnia magna mg/L EC50 Static 11.5: 48 h Daphnia magna mg/L EC50

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SECTION XII – ECOLOGICAL INFORMATION (CONT)

PERSISTENCE/DEGRADABILITY

Not determined.

BIOACCUMULATION

Not determined.

MOBILITY

CHEMICAL NAME	PARTITION COEFFICIENT
Toluene 108-88-3	2.65

OTHER ADVERSE EFFECTS

Not determined.

SECTION XIII - DISPOSAL

WASTE TREATMENT METHODS

DISPOSAL OF WASTES Disposal should be in accordance with applicable regional, national and local laws and regulations.

CONTAMINATED PACKAGING Disposal should be in accordance with applicable regional, national and local laws and regulations.

US EPA WASTE NUMBER

CHEMICAL NAME	RCRA	RCRA-BASIS FOR LISTING	RCRA-D SERIES WASTES	RCRA-USERIES WASTES
Toluene 108-88-3	U220	Included in waste streams: F005, F025, F039, K015, K036, K037, K149, K151		U220

CHEMICAL NAME	RCRA-HALOGENATED ORGANIC COMPOUNDS	RCRA-P SERIES WASTES	RCRA-F SERIES WASTES	RCRA-KSERIES WASTES
Toluene 108-88-3			Toxic waste Waste number F025 Condensed light ends, spent Filters and filter aids and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution	

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SECTION XIII – DISPOSAL (CONT)

CALIFORNIA HAZARDOUS WASTE STATUS

CHEMICAL NAME	CALIFORNIA HAZARDOUS WASTE STATUS
Toluene 108-88-3	Toxic Ignitable

SECTION XIV - TRANSPORTATION

NOTE According to 49 CFR §173.150(f)(1), this material should be classified as “NA1993, Combustible Liquid, N.O.S.” if it is shipped in bulk.

DOT Not regulated (If shipped in NON BULK packaging by ground transport)

IATA Not regulated

IMDG This material may meet the definition of a marine pollutant
MARINE POLLUTANT

SECTION XV – REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

CHEMICAL NAME	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Mineral Spirits (Rule 66)	Present	X		Present		Present	X	Present	X	X
Toluene	Present	X		Present		Present	X	Present	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US FEDERAL REGULATIONS

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

CHEMICAL NAME	HAZARDOUS SUBSTANCES RQs	CERCLA/SARA RQ	REPORTABLE QUANTITY (RQ)
Toluene 108-88-3	1 lb		RQ 1 lb final RQ RQ 0.454 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CHEMICAL NAME	CAS NO	WEIGHT %	SARA 313-THRESHOLD VALUES %
Toluene 108-88-3	108-88-3	2.3	1.0

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This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CHEMICAL NAME	CWA-REPORTABLE QUANTITIES	CWA-TOXIC POLLUTANTS	CWA-PRIORITY POLLUTANTS	CWA-HAZARDOUS SUBSTANCES
Toluene	1000 lb	X	X	X

US STATE REGULATIONS**CALIFORNIA PROPOSITION 65**

This product contains the following Proposition 65 chemicals.

CHEMICAL NAME	CALIFORNIA PROPOSITION 65
Toluene 108-88-3	Developmental Female Reproductive

US STATE RIGHT-TO-KNOW REGULATIONS

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA
Mineral Spirits (Rule 66) 8052-41-3	X	X	X
Toluene 108-88-3	X	X	X

SECTION XVI – OTHER INFORMATION

<u>NFPA</u>	HEALTH HAZARDS 1	FLAMMABILITY 2	INSTABILITY 0	SPECIAL HAZARDS Not determined
<u>HMIS</u>	HEALTH HAZARDS Not determined	FLAMMABILITY Not determined	INSTABILITY Not determined	SPECIAL HAZARDS Not determined

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.