

VALCO CINCINNATI CONSUMER PRODUCTS INC.
MATERIAL SAFETY DATA SHEET
MATERIAL NAME: MAGIC MIX ALUMINUM BRIGHTENER PART NUMBER 710XX664
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
IDENTITY: MAGIC MIX ALUMINUM BRIGHTENER
REVISION: 1

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY - COMMON NAME(S)): SULFURIC ACID
CAS NUMBER: 7664-93-9
OSHA PEL: 5 PPM **TLV:5 PPM**
HYDROCHLORIC
CAS NYMBER 7647-01-0
OSHA PEL: 1MG/M3 TLV: 1MG/M3

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT,: N/A **MELTING POINT:** N/A
SPECIFIC GRAVITY (H2O=1):1 **VAPOR PRESSURE:** (MM HG.@68°F):N/A
VAPOR DENSITY (AIR = 1): N/A **SOLUBILITY IN WATER:**COMPLETE
EVAPORATION RATE (H2O=1):1
APPEARANCE AND ODOR:CLEAR, COLORLESS LIQUID, WITH A SLIGHT ACRID ODOR

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NONE F LEL:NE UEL:NE
FLAMMABLE LIMITS IN AIR BY VOLUME: NONE
EXTINGUISHING MEDIA: APPROPRIATE TO FIRE FUEL SOURCE
SPECIAL FIRE FIGHTING PROCEDURES: COOL CLOSED CONTAINERS WITH WATER SPRAY
UNUSUAL FIRE AND EXPLOSION HAZARDS: EXTREMELY CORROSIVE MATERIAL, ESPECIALLY WHEN HEATED. MAY LIBERATE FLAMMABLE HYDRO-GEN GAS ON CONTACT WITH REACTIVE METALS.

SECTION V – REACTIVITY DATA

INCOMPATIBILITY (MATERIALS TO AVOID): ALKALINE MATERIALS, REACTIVE MATERIALS
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
STABILITY:STABLE
HAZARDOUS DECOMPOSITION PRODUCTS OR BY-PRODUCTS : ACID VAPORS
CONDITIONS TO AVOID: DO NOT MIX WITH OTHER CHEMICALS

SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY: EYES, SKIN, INGESTION, INHALATION
HEALTH HAZARDS (ACUTE): DESTRUCTIVE TO ALL TISSUES! HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE SEVERE BURNS WHICH MAY NOT BE IMMEDIATELY PAINFUL OR VISIBLE.
HEALTH HAZARDS(CHRONIC): NONE KNOWN

CARCINOGENICITY: NOT CARCINOGENIC NTP?: NOT CARCINOGENIC OSHA REGULATED: NO

EMERGENCY AND FIRST AID PROCEDURES:

EYES: CONTACT WITH EYES MAY CAUSE PERMANENT DAMAGE---FLUSH WITH WATER 15 MINUTES LIFTING UPPER LID. CALL PHYSICIAN
SKIN: CONTACT WITH SKIN MAY CAUSE PERMANENT DAMAGE---REMOVE CONTAMINATED CLOTHING, WASH THOROUGH;Y WITH WATER, CALL PHYSICIAN
INHALATION: REMOVE TO FRESH AIR. CALL PHYSICIAN IMMEDIATELY.

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SECTION VI – HEALTH HAZARD DATA (CONT)

INGESTION: FUMES MAY IRRITATE RESPIRATORY TRACT, MIST SHOULD BE ABSOLUTELY AVOIDED. DRINK LARGE AMOUNTS OF WATER OR MILK, CALL PHYSICIAN. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SIGNS AND SYMPTOMS OF EXPOSURE:

EYES: IMMEDIATE PRONOUNCED BURNING SENSATION

SKIN: CAUSES BURNS WHICH MAY NOT BE IMMEDIATELY PAINFUL OR EVIDENT. REACT IF FEELING WETNESS IS NOTED.

INGESTION: IMMEDIATE INTOLERABLE BURNING IN MOUTH

INHALATION: COUGHING, BURNING SENSATION IN NOSE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: PREEXISTING DISORDERS OF CONTACT SITE.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH EYES WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER EYELIDS. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

SKIN: WASH OFF WITH WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. ALWAYS KEEP A SUPPLY OF A PASTE MADE FROM MAGNESIA AND GLYCERINE. APPLY MAGNESIA PASTE. HYDROFLUORIC ACID EXPOSURE REQUIRES SPECIAL TREATMENT, OBTAIN MEDICAL ATTENTION.

INGESTION: OBTAIN IMMEDIATE MEDICAL ATTENTION.

INHALATION: REMOVE TO FRESH AIR. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILLS: NEUTRALIZE WITH SODA ASH AND MOP OR SCRAPE UP

LARGE SPILLS: DIKE AREA, PUMP UP EXCESS, NEUTRALIZE REMAINDER WITH SODA ASH, AND SCRAPE UP.

WASTE DISPOSAL METHOD: 2 LISTED HAZARDOUS WASTES. CONSIDER NEUTRALIZATION. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS AT TIME OF DISPOSAL.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

NORMAL STORAGE: STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. STORE AWAY FROM COMBUSTIBLE MATERIALS. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION: A NIOSH ACID MIST RESPIRATOR IF PEL EXCEEDED

VENTILATION: SUFFICIENT TO KEEP PEL FROM BEING EXCEEDED.

LOCAL EXHAUST: IF NEEDED TO KEEP MATERIAL BELOW PEL

PROTECTIVE GLOVES: NOEPRENE

EYE PROTECTION: GOGGLES/SAFETY GLASSES/FACE SHIELD

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: PLASTIC APRON, LONG PANTS AND SLEEVES.

WORK/HYGIENIC PRACTICES: THE RECOMMENDATIONS DESCRIBED IN THIS SECTION ARE PROVIDED AS GENERAL GUIDANCE FOR MINIMIZING EXPOSURE WHEN HANDLING THIS PRODUCT. BECAUSE USE CONDITIONS WILL VARY, DEPENDING UPON CUSTOMER APPLICATIONS, SPECIFIC SAFE HANDLING PROCEDURES SHOULD BE DEVELOPED BY PERSONS KNOWLEDGABLE OF THE INTENDED USE CONDITIONS AND EQUIPMENT.

DO NOT USE IN OR NEAR BODIES OF WATER, PONDS, LAKES, RIVERS, (ETC.). HIGH CONCENTRATIONS OF THIS PRODUCT MAY BE HARMFUL TO FISH & WILDLIFE. CLEANING SHOULD BE DONE ON GRASSY AREA, STREET, OR SAND, AWAY FROM SEWER SYSTEM.

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SECTION IX - DOT INFORMATION

COMPOUNDS, CLEANING LIQUIDS(HYDROFLUORIC ACID, SULFURIC ACID),8 ,NA1760, PGII
QUANTITIES OVER 111 GALLONS IN A SINGLE CONTAINER WILL CONTAIN A REPORTABLE QUANTITY OF
HYDROFLUORIC ACID. QUANTITIES OVER 1110 GALLONS IN A SINGLE CONTAINER WILL CONTAIN A
REPORTABLE QUANTITY OF SULFURIC ACID.

SECTION X - 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 AN ALL LIABILITY ARISING OUT
OF IMPROPER USE OF THIS PRODUCT OR THE INFORMATION PROVIDED HEREWITH.