

MSDS: B9392

ITEM: 5HH10 - Cutting Fluid Aluminum 12 oz. Can

ORDER: 0111428711

LP NUMBER: U205624215-A

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - B9392

Related Grainger Items: 5HH10, 4ZP06, 4R818, 4R820

MATERIAL SAFETY DATA SHEET

U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200

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DATE REVIEWED: MARCH 12, 2009

TRADE NAME: TAP MAGIC ALUMINUM AEROSOL CUTTING FLUID

CHEMICAL NAME & SYNONYMS: HYDROCARBON MIXTURE

DOT SHIPPING NAME: AEROSOL, ORM-D

HAZARD/MSHA CODE:

HEALTH 1, FIRE 2, REACTIVITY 1, PHYSICIAN SOLVENT

MANUFACTURING CODE NO.: 9358

COMMODITY CODE NO.: 332-9150

I. HAZARDOUS INGREDIENTS

Table with 5 columns: COMPONENT, CAS #, OSHA PEL, ACGIH TLV, OTHER LIMITS, MAX. % RECOMMENDED. Rows include PETROLEUM DISTILLATE, METYL LAURATE, WAX OIL, CARBON DIOXIDE.

II. PHYSICAL DATA

BOILING RANGE, (760 MM, MERCURY): 370 TO 560 DEG. F
SPECIFIC GRAVITY (WATER = 1) (LBS/GAL): 0.824 (6.88)
VAPOR PRESSURE (MM OF MERCURY) @ 75 DEG. F: LESS THAN 5

III. FIRE & EXPLOSION DATA

LOWER FLAMMABLE LIMIT IN AIR (% BY VOLUME): 0.7
UPPER FLAMMABLE LIMIT IN AIR (% BY VOLUME): 5.0
FLASH POINT, PWC: 185 DEG. F
AUTOIGNITION TEMPERATURE: 450 DEG. F

IV. HEALTH HAZARD INFORMATION

ROUTES OF ENTRY: INGESTION IS THE PRIMARY METHOD OF POSSIBLE ENTRY. MATERIAL WILL NOT PASS THE SKIN BARRIER.
EFFECTS OF ACUTE OVEREXPOSURE:
INHALATION: CONCENTRATION IN EXCESS OF 1000 PPM MAY CAUSE HEADACHE, NASAL AND RESPIRATORY IRRITATION, NAUSEA, DROWSINESS, FATIGUE, EYE IRRITATION AND CENTRAL NERVOUS SYSTEM DEPRESSION.

INGESTION: HEADACHE, DROWSINESS, NAUSEA, FATIGUE, CNS DEPRESSION. LD50 FOR RABBITS IS 28 G/KG; ESTIMATED TOXIC ADULT DOSE 3-4 OZ.

EYE: MAY CAUSE PAIN AND IRRITATION.

EFFECTS OF CHRONIC OVEREXPOSURE:

SKIN CONTACT: PROLONGED OR REPEATED EXPOSURE MAY CAUSE DEFATTING OF THE SKIN AND SUBSEQUENT RASH OR IRRITATION.

ALL ROUTES OF ENTRY: BASED ON AVAILABLE DATA, REPEATED EXPOSURES ARE NOT ANTICIPATED TO CAUSE ANY SIGNIFICANT ADVERSE EFFECTS. BIRTH DEFECTS ARE UNLIKELY.

CARCINOGENICITY: DOES NOT CAUSE CANCER IN LONG TERM ANIMAL STUDIES. NOT A CARCINOGEN OR SUSPECT CARCINOGEN.

EMERGENCY AND FIRST AID PROCEDURES:

EYE: FLUSH EYES GENTLY WITH WATER FOR AT LEAST 15 MINUTES. SUPPORTIVE TREATMENT BY A PHYSICIAN IS RECOMMENDED.

SKIN: WASH WITH MILD SOAP AND WATER. REMOVE WETTED CLOTHING UNTIL DRY.

INHALATION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN AND/OR TRANSPORT TO EMERGENCY MEDICAL FACILITY IMMEDIATELY.

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NOTES TO PHYSICIAN:

ORAL: LOW IN TOXICITY. EMETICS ARE CONTRAINDICATED DUE TO DANGER OF ASPIRATION. IF CNS DEPRESSION IS PROMINENT, NIKETHAMIDE MAY BE GIVEN PARENTERALLY.

V. REACTIVITY DATA

STABILITY: CHEMICAL STABILITY IS GREAT; ODOR AND COLOR MAY BE ADVERSELY AFFECTED BY PROLONGED STORAGE IN HOT, MOIST ENVIRONMENT.

INCOMPATIBILITY: MAY CAUSE SWELLING OF SOME PLASTICS AND SYNTHETIC RUBBERS. CONTACT WITH STRONG OXIDIZING AGENTS SHOULD BE AVOIDED.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE, INCOMPLETE COMBUSTION CAN YIELD CARBON MONOXIDE.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION: NONE

VI. DISPOSAL, SPILL OR LEAK PROCEDURES

AQUATIC TOXICITY: AQUATIC TOXICITY IS LOW: PRODUCT IS NOT SOLUBLE IN WATER.

SPILL OR LEAK PROCEDURES:

SMALL SPILLS: ABSORB WITH INERT MATERIAL (SAW DUST, RAGS, ACTIVATED CHARCOAL). REMOVE TO OUT OF DOORS AND INCINERATE.

LARGE SPILLS: EVACUATE AREA. CONTAIN LIQUID; TRANSFER TO CLOSED METAL (STEEL) CONTAINERS. KEEP OUT OF WATER SUPPLY. PROTECT FROM IGNITION SOURCES.

WASTE DISPOSAL METHOD: SMALL AMOUNTS MAY BE INCINERATED IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. THE RECOMMENDED METHOD OF DISPOSAL FOR LARGE QUANTITIES IS RECYCLING BY A RECLAIMER OR INCINERATION.

NEUTRALIZATION CHEMICAL: PRODUCT MAY BE EFFECTIVELY ABSORBED WITH ACTIVATED CHARCOAL.

VII. SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS: NORMAL VENTILATION WITH REGULAR USE TO MAINTAIN VAPOR CONCENTRATION BELOW 1000 PPM.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY: NONE DURING NORMAL USE. UP TO 2500 PPM, HALF-MASK ORGANIC VAPOR RESPIRATOR. UP TO 5000 PPM, FULL-FACE ORGANIC VAPOR RESPIRATOR OR FULL-FACE SUPPLIED AIR RESPIRATOR.

EYES:

WASH DURING NORMAL USE; FACE SHIELD IS RECOMMENDED DURING MACHINING OPERATIONS.

SKIN:
NONE REQUIRED FOR CASUAL CONTACT DURING NORMAL USE. NITRILE, NEOPRENE OR OTHER PETROLEUM DISTILLATE RESISTANT GLOVES AND/OR BOOTS RECOMMENDED FOR DEALING WITH LARGE SPILLS.

VIII. SPECIAL PRECAUTIONS

IT IS A COMBUSTIBLE LIQUID, KEEP AWAY FROM OPEN FLAMES. DO NOT INGEST. DO NOT EXPOSE TO IGNITION SOURCES. DO NOT STORE WITH ANY STRONG OXIDIZERS.

IX. ADDITIONAL INFORMATION

TAP MAGIC ALUMINUM DOES NOT CONTAIN 1,1,1-TRICHLOROETHANE, OR ANY OZONE DEPLETING SUBSTANCES. TAP MAGIC ALUMINUM DOES NOT CONTAIN NITRITES, NITRITE DERIVATIVES, AMINES, POLYNUCLEAR AROMATIC COMPOUNDS EITHER AS AN INGREDIENT OR A TRACE CONTAMINANT.

TAP MAGIC ALUMINUM DOES NOT CONTAIN ANY CHEMICAL COMPOUND LISTED ON THE GARA LIST OF "EXTREMELY HAZARDOUS CHEMICALS" AND IS IN COMPLIANCE WITH ALL OF THE REQUIREMENTS OF THE TSCA AT THE TIME OF SHIPMENT.

CAUTION:
TAP CUTTING FLUID CAN BE "OVERWORKED" OR "OVERHEATED", CAUSING IT TO BREAK DOWN.

THIS FLUID IS IDENTIFIED BY THE SIGHT OF OR STRONG ODOR OF VAPORS OR FUMES NOT NORMALLY PRESENT. THE EFFECTS OF THESE VAPORS OR FUMES ON HUMAN HEALTH HAVE NOT BEEN FULLY DETERMINED. AFTER USE OF THIS PRODUCT, CLEAN AND LUBRICATE METAL SURFACES TO AVOID STAINING AND/OR CORROSION.

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***THIS MSDS COVERS PART# 20012AL