ITEM: 5HH10 - Cutting Fluid Aluminur

num 12 oz. Can

ORDER: 0111428711

MATERIAL SAFETY DATA SHEET (MSDS)

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

RIAL SAFETY DATA SHEET - B9392

SAFETY DATA SHEET - B9392

LINESTION:

HEADACHE, DROWSINESS, NAUSEA, FATIGUE, CNS DEPRESSION.

LIDED FOR RABBITS IS 28 G/KG; ESTIMATED TOXIC ADULT DOSE 3-4 OZ.

iated Grainger Items 5:mp9, 5HH10, 4ZF06, 4R818, 4R820

MATERIAL SAFETY DATA SHEET

MSDS: B9392

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

THE SITES CORPORATION 2000 CANTRELL HOAD F.O. D.X 2238 LITTLE ROOK, AR 72201

FMER MENTY RESPONSE: (800) 255-3924

INF HUNTION: (800) 643-8026

FAX: (501) 374-4278

DATE REVIEWED: MARCH 12, 2009

TRADE NUME: TAP MAGIC ALUMINUM AEROSOL CUITING FLUID

CHEMICAL NAME & SYNONYMS: HYDROCARBON MIXTURE

DOT CHIPPING NAME: AEROSOL, ORM-D

HMIS/NFPA CODE: PIRE
PERTIVITY 1
CPECIFIC O

MANUFACTURING CODE NO.: 8358

COMMUNITY CODE NO.: 332-9150

		THATTAIN TOUS TW	REDIENTS —		
NMFONENT	CAS #	OSHA PEL, PPM	ACGIH TLV, PPM	OTHER LIMITS MAX. RECOMMENDED	
PETROLEUM DISTILLATE (ALIPHATIC 90%/ARCMATIC	8008-20-6	NOT LISTED	NOT LISTED	EST. TLV 1000 PFM	60
MEDITI LAURATE	111-82-0	NOT LISTED	NOT LISTED		40
VI LE OIL,	8007-80-5	NOT LISTED	NOT LISTED		10
CARBON DIOXIDE PROFELLANT	124-38-9	NOT LISTED	NOT LISTED	TLV 5000	<3

- II. PHYSICAL DATA -BOILING RANGE, (750 MM, MERCURY): 370 TO 560 DEG. F

SPECIFIC SPACITY (WATER = 1) (LBS/GAL): 0.824 (6.88)

VAFOR PRESSURE (MM OF MERCURY) @ 75 DEG. F: LESS THAN 5

VAPOR DENGITY (AIR = 1): 5.5

SOLUBILITY IN WATER, % BY WEIGHT: LESS THAN 1 (INSOLUBLE)

EVAPURATION RATE (BUTYL ACETATE = 1): 0.04

1 WOLATILE BY VOLUME # 75 DBG. F: LESS THAN 1

APPEAPANCE: LIGHT YELLOW LIQUID

ODDR: PLEASANT

PH: NEUTRAL (NONAQUEDUS)

			 	<u> </u>	II.	FIRE	&	EXPLOSION	DATA
C-770	127	******	 						

OFFICE PLANMABLE LIMIT IN AIR (% BY VOLUME): 0.7

OFFICE PLANMABLE LIMIT IN AIR (% BY VOLUME): 5.0

FLACH POINT, PMCC: 185 DEG. F

AUTOIGNITION TEMPERATURE: 450 DEG. F

EXTINGUISHING MEDIA: FOAM, CARBON DIOXIDE, DRY CHEMICAL

- IV. HEALTH HAZARD INFORMATION -

ROUTES OF ENTRY: INVESTION IS THE PRIMARY METHOD OF POSSIBLE ENTRY. MATERIAL WILL NOT PASS THE SKIN BARRIER. INHALATION IS UNLIKELY DUE TO LOW VAPOR PRESSURE.

EFFECTS OF ACUTE OVEREXPOSURE:

INH CM:

O'N ATION IN EXCESS OF 1600 PPM MAY CAUSE HEADACHE, NASAL AND

RES, ORY IRRITATION, NAUSEA, DROWSINESS, FATIGUE, EXE IRRITATION AND

CENTRAL NERVOUS SYSTEM DEPRESSION. NARCOTIC EFFECTS MAY BE SEVERE AT

ONCENTRATIONS GREATER THAN 20,000 PPM.

SKIN CONTACT: MATERIAL WILL NOT PASS THE SKIN BARRIER.

LP NUMBER: U205624215-A

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. EXPOSURES
HAVING NO ADVERSE EFFECTS ON MOTHER SHOULD HAVE NO EFFECT ON THE FETUS. IN
ANIMAL STUDIES, HAS BEEN SHOWN NOT TO INTERFERE WITH REPRODUCTION. RESULTS
OF IN VITRO ("TEST TUBE") MUTAGENICITY TESTS HAVE BEEN NEGATIVE. RESULTS OF
MUTAGENICITY TESTS IN ANIMALS HAVE BEEN NEGATIVE.

CARCINOGENICITY:

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

EMEI SENCY AND FIRST AID PROCEDURES:

ESE: 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: REMOVE TO FRESH AIR. INDIVIDUALS SHOWING PRONOUNCED ANESTHETIC EFFECTS MAY REQUIRE ARTIFICIAL RESPIRATION AND OXYGEN.

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

ORAL:

ORAL:
LCW IN TOXICITY. EMETICS ARE CONTRAINDICATED DUE TO DANSER OF ASPIRATION.
IF CNS DEPRESSION IS PROMINENT, NIKETHAMIDE MAY BE GIVEN PARENIERALLY.
ANOID RETINEPHRINE. IF AND WHEN WARRANTED BY SPECIAL CIRCUMSTANCES, GASTRIC
LAVAGE MAY BE PERFORMED CAUTIOUSLY WITH 3% SODIUM BICARBONATE OR WRITER.
INSTILL 30 TO 60 MI, OF OLIVE OIL IN THE STOMACH AT THE CONCUSION OF LAVAGE
AND FOLICW WITH A SALINE CATHARTIC (SODIUM SULFATE) IN WATER.

- 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 SYNIHETIC RUBBERS. CONTACT WITH
STRONG OXIDIZING AGENTS SHOULD BE AVOIDED. (EXAMPLE: OXYGEN GAS UNDER
HIGH PRESSURE.)

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:

SPECIAL STREET MATERIAL (SAW DUST, RAGS, ACTIVATED CHARCOAL). REMOVE TO OUT OF DOORS AND INCINERATE.

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

WASTE DISPOSAL METHOD:

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. "IF INERT
ABSCREENIS ARE EMPLOYED IN SPILL CONTAINMENT OR CLEANUP, THESE ABSCREENIS
MUST BE NON-BIODESFADABLE MATERIALS IF DESTINED FOR LANDFILL DISPOSAL.
SUITABLE ABSCREENIS INCLUDE NATURAL MINERALS (CLAY), ACTIVATED CHARCOAL,
MAN-MADE POLYMERS (HD POLYETHYLENE)."

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:

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. GREATER THAN 5000 PPM, FIRE FIGHTING OR UNKNOWN

CONCENTRATION, SELF-CONTAINED BREATHING APPARATUS WITH POSITIVE PRESSURE.

HINE HURING NORMAL USE; FACE SHIELD IS RECOMMENDED DURING MACHINING OPERATIONS.

SEIN: MANE REQUIRED FOR CASUAL CONTACT DURING NORMAL USE. NITRILE, NEOPRENE OR OTHER PETROLEUM DISTILLATE RESISTANT GLAVES AND/OR BOOTS RECOMMENDED FOR DEALING WITH LARGE SPILLS.

— VIII. SPECIAL PRECAUTIONS —

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

- IX. ADDITIONAL INFORMATION -

TEP MEGIC ALUMIESM DOES NOT CONTAIN 1,1,1-TRICHLOROETHANE, OR ANY CZONE HERLETING SUBSTANCES. TAE MAGIC ALUMINUM DOES NOT CONTAIN NITRITES, NITRITE INFLORITIONS, POLYNDOLEAR AROMATIC COMPOUNDS EITHER AS AN INGREDIENT OR A TRACE CONTAMINANT.

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

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

FY: AGA L. MORTON, CHIEF CHEMIST AMERICAN INTERPLEX CORPORATION LITTLE BOCK, AR 72204

TELEFIT ME: (501) 224-5060

***THIS MSDS COVERS PART# 20012AL