

THE STECO CORPORATION -- TAP MAGIC ORIGINAL CUTTING FLUID -- 9150-00-175-9154

===== Product Identification =====

Product ID:TAP MAGIC ORIGINAL CUTTING FLUID

MSDS Date:03/31/1989

FSC:9150

NIIN:00-175-9154

MSDS Number: BDFSZ

=== Responsible Party ===

Company Name:THE STECO CORPORATION

Address:2330 CANTRELL ROAD

Box:2238

City:LITTLE ROCK

State:AR

ZIP:72203

Country:US

Info Phone Num:800-643-8026

Emer

gency Phone Num:501-375-5644/800-255-3724

Preparer's Name:ASA L. MORTON, CHIEF CHEM

CAGE:KO442

=== Contractor Identification ===

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City:KENNER

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Country:US

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Company Name:STECO CORP

Address:2330 CANTRELL ROAD

Box:2238

City:LITTLE ROCK

State:AR

ZIP:72203

Country:US

Phone:800-643-8026

CAGE:17781

Company Name:THE STECO CORPORATION

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:AR
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Composition/Information on Ingredients
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Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)
CAS:71-55-6
RTECS #:KJ2975000
Fraction by Wt: 90% MAX
Other REC Limits:STEL-450
OSHA PEL:350 PPM/450 STEL
ACGIH TLV:350 PPM/450STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

Ingred Name:TERT-BUTYL ALCOHOL (SARA III)
CAS:75-65-0
RTECS #:EO1925000
Fraction by Wt: 3% MAX
Other RE
C Limits:STEL-150
OSHA PEL:100 PPM
ACGIH TLV:100PPM 9394

Ingred Name:1,2-BUTYLENE OXIDE (SARA III)
CAS:106-88-7
RTECS #:EK3675000
Fraction by Wt: 3% MAX
Other REC Limits:EST STEL-100
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:METHYLAL (DIMETHOXYMETHANE)
CAS:109-87-5
RTECS #:PA8750000
Fraction by Wt: 3% MAX
Other REC Limits:STEL-1250
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192

Ingred Name:PETROLEUM OIL, ALIPHATIC
CAS:68815-10-1
Fraction by Wt: 3% MAX

Ingred Name:VEGETABLE OIL, ESSENTIAL
CA

S:104-55-2
RTECS #:GD6475000
Fraction by Wt: 3% MAX

Ingred Name:DOESN'T CONTAIN NITRITES,NITRITE
DERIVATIVES,AMINES,POLYNUCLEAR AROMATIC CMPDS,BENZENE EITHER AS
INGRED OR TRACE CONTAMI

RTECS #:9999999ZZ

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====

LD50 LC50 Mixture:LD50 10,000 MG/KG (RATS, ORAL).

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute an

d Chronic:INHAL:ANESTHETIC/NARC EFFECTS @

500-1000PPM;>1000PPM CAUSES DIZZ,DRUNKENNESS;@ 10000PPM CAUSES
UNCONSC/DEATH,CARDIAC ARRHYTHMIAS.SKIN:PROLONG EXPSE NOT LIKELY TO
RESULT IN ABSORPTION OF HARMFUL AMT.IN GEST:LOW ORAL TOXICITY.IF
ASPIRATED MAYRAPIDLY ABSORBED THRU LUNGS INJURING OTHER BODY
SYS.EYE:IRRI,CORNEAL INJURY,CONJ

Explanation of Carcinogenicity:DOES NOT CAUSE CANCER IN LONG TERM
ANIMAL STUDIES. NOT A CARCINOGEN OR SUSPECT CARCINOGEN (MFR).

Effects of Overex

posure:EYE PAIN, IRRIT W/TRANSIENT CORNEAL INJURY.

SKIN:DEFATTING, RASH IRRIT. BASED ON AVAILABLE DATA REPEAT EXPOSURE
IS NOT ANTICIPATED TO CAUSE ANY SIGNIFICANT ADVERSE EFFECTS. BIRTH
DEFECTS UNLIKELY, NO ADVERSE EFFECTS ON MOTHER SHOULD HAVE
NOEFFECT ON FETUS. IN ANIMAL STUDIES SHOWS DOES NOT INTERFERE
W/REPRODUCTION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MFG.

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===== First Aid Measures =====

First Aid:EYE:FLUSH W/WATE

R FOR @ LEAST 15MINS. SUPPORTIVE TREATMENT IS

RECOMMENDED BY DR. SKIN:WASH W/MILD SOAP & WATER. REMOVE CONTAMIN
CLOTH. INHAL:REMOVE TO FRESH AIR. INDIVIDUALS SHOWING PRONOUNCED
ANESTHE TIC EFFECTS MAY REQUIRE ARTIFICIAL RESP& OXY. EPINEPHRINE &
OTHER DRUGS W/SIMILAR ACTIVITY SHOULD NOT BE ADMINISTERED.

INGEST:DO NOT INDUCE VOMIT. CALL DR &/OR TRANSPORT TO EMERGENCY
FACILITY IMMED.

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===== Fire Fighting Measures =====

Flash Point:NONE

Low

TLV Limits:6 (SEE SUPP)

Upper Limits:16.7

Extinguishing Media:WATER FOG.

Fire Fighting Procedures:POSITIVE PRESSURE, SELF-CONTAINED RESPIRATORY EQUIPMENT.

Unusual Fire/Explosion Hazard:NOT A FIRE HAZ, HOWEVER WHEN CONCENTRATED VAPORS EXPOSED TO OPEN FLAMES/HIGH ENERGY ELECTRICAL ARCS, IRRIT/TOXIC GASSES (HCL) MAY FORM.

===== Accidental Release Measures =====

Spill Release Procedures:SMALL SPILL:MOP/WIPE/SOAK UP IMMEDIATELY W/SUITABLE ABSORBENTS (NATURAL MINERAL(CLAY),ACTIVATED CHARCOAL,MANMADE POLYMERS). REMOVE TO OUT-OF-DOORS. LG SPILL:EVACUATE AREA. CONTAIN LIQUID.TRANSFER TO CLOSED METAL(STEEL)CONTAINER. KEEP OUT OF WATER SUPPLY/SEWER/ETC

Neutralizing Agent:PRODUCT MAY BE EFFECTIVELY ABSORBED WITH ACTIVATED CHARCOAL.

===== Handling and Storage =====

Handling and Storage Precautions:USE WITH ADEQUATE VENTILATION.CONCENTRATED VAPOR HEAVIER THAN AIR & WILL COLLECT IN LOW AREAS(PITS/DEGREASERS/STORAGE TANKS/ETC).STORE IN COOL DRY AREA.

Other Precautions:PROPERLY SEALED CONTAINER MAY BE STORED @ >150F & HUMID CONDITIONS W/O CONCERN.LARGE AMOUNTS CAN DISPLACE OXYGEN IN CONFINED AREAS;DON'T ENTER W/O BREATH APPARATUS & OBSERVER PRESENT.@ HIGH TEMPERATURES METAL MAY BE CORRODED-- ALL CONTAINERS/HANDLING EQUIPMENT NOT RECOMMENDED.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE DURING NORMAL USE. WHEN REQUIRED FOR CERTAIN OPERATIONS USE APPROVED AIR PURIFYING RESPIRATOR. FOR EMERGENCY

CONDITIONS WHERE EXPOSURE GUIDELINE MAY BE GREATLY EXCEEDED USE APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:NORMAL VENTILATION WITH REGULAR USE TO MAINTAIN THE TLV BELOW RECOMMENDED VALUES (350 PPM).

Protective Gloves:SYNTHETIC RUBBER GLOVES

Eye Protection:SAFETY GLASSES TO CUP-TYPE GOGGLES.

Other Protective Equipment:SYNTHETIC RUBBER APRONS & OVERSHOES MAY BE NECESSARY TO PREVENT EXCESSIVE SKIN CONTACT WHEN DEALING WITH LARGE SPILLS(MANY GALS).

Work Hygiene

enic Practices:AVOID PRLNG/REPEAT BREATH OF VAP/SKIN
CONTACT.DON'T TAKE INTERNALLY.WASH HANDS AFT HNDLG.WASH CONTAMIN
CLOTH PRIOR REUSE

Supplemental Safety and Health

BP:158-190F. EVAP RATE REF:BUTYL ACETATE=1. FLAMM LIMITS ESTABLISHED
UTILIZING HIGH ENERGTY ELECT ARCS. SHELF LIFE IS INDEFINITE @
AMBIENT TEMP.ANY CUTTING LFUID CAN BE OVERWORKED/OVERHEATED CAUSING
T O BREAK DOWN;ID BY SIGHT OF/STRONG ODORVAP/FUMES NOT NORMALLY
PRESENT-EFFECTS ON HUMAN HEALTH NOT BEEN FULLY
DETERMINED

===== Physical/Chemical Properties =====

HCC:T4

Boiling Pt:B.P. Text:158F,70C

Decomp Temp:Decomp Text:STARTS 325C

Vapor Pres:100 @68F

Vapor Density:4.55

Spec Gravity:1.35

Evaporation Rate & Reference:0.6 GAL/FT2/DAY @ 77F

Solubility in Water:0.07%

Appearance and Odor:AMBER LIQUID, NONAQUEOUS, AROMATIC ODOR.

Percent Volatiles by Volume:>90

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ATTACK MG & AL @ HI TEMP;POLYSTYRENE,CELLULOSE ACETATE

PROPIONATE,POLYCARBONATE PLSTC DISLVD;SWELLS NAT/BUNA RUB;SOFT AS

Stability Condition to Avoid:PROLONGED STORAGE IN CONTACT W/H2O MAY

CAUSE SOME DECOMP & FORM OF HCL (WHEN STORE TEMP >150F).

Hazardous Decomposition Products:HYDROGEN CHLORIDE GAS.

===== Disposal Considerations =====

Waste Disposal Methods:VERY SM AMT MAY BE EVAP IAW LOC/STATE/FED REGS &

SUBTITLE C OF RCRA.LG AMTS MAY BE SENT TO LI

CENSED

RECLAIMER/PERMITTED INCINERATORS.IF INERT ABSORBENTS USED MUST BE

NON-BIODEGRADABLE IF FOR LANDFILL DISPOSAL.NEVER DUMP INTO

SEWER/GROUD/BODY OF WATER

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