



Chemical Name: Stainless Steel Cleaner & polish

Manufacturer: Brady

Container Size: 15 oz.

Location: VLA

Disposal: Place empty container in trash. Give partial or full container to safety officer.

AMREP INC -- ALL STAR STAINLESS STEEL CLEANER -- 7930-00N020079

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Product Identification
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Product ID:ALL STAR STAINLESS STEEL CLEANER
MSDS Date:07/01/1989
FSC:7930
NIIN:00N020079
MSDS Number: BLVLG
=== Responsible Party ===
Company Name:AMREP INC
Address:990 INDUSTRIAL PARK DR
City:MARIETTA
State:GA
ZIP:30062
Country:US
Info Phone Num:404-386-3083
Emergency Phone Num:404-386-3083 800-424-9300(CHEMTREC)
Preparer's Name:TMJ/STN
CAGE:3V338
=== Contractor Identification ===
Company Name:AMREP INC
Address:990 INDUSTRIAL PK DR
Box:City:MARIETTA
State:GA
ZIP:30062-2433
Country:US
Phone:404-422-2071
CAGE:3V338

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Composition/Information on Ingredients
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Ingred Name:NAPHTHALENE; (PETROLEUM DISTILLATES)
CAS:91-20-3
RTECS #:QJ0525000
Fraction by Wt: 15%.0
OSHA PEL:10 PPM; 15 PPM STEL
ACGIH TLV:10 PPM; 15 PPM STEL
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 8.0%
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHANE, 1,1,1-TRICHLORO-; (METHYL CHLOROFORM)
CAS:71-55-6
RTECS #:KJ2975000
Fraction by Wt: 40.0%
OSHA PEL:350 PPM;450 PPM STEL
ACGIH TLV:350 PPM;450 PPM STEL
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

Ingred Name:ETHYLENE, TETRACHLORO-; (PERCHLOROETHYLENE)
CAS:127-18-4
RTECS #:KX3850000
Fraction by Wt: 10.0%
OSHA PEL:100 PPM
ACGIH TLV:25PPM/100,A3 STEL;94
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:ISOBUTANE (75-28-5)/PROPANE (74-98-6) BLEND. LIMITS AS
PROPANE.
Fraction by Wt: 15%
OSHA PEL:1000 PPM
ACGIH TLV:SIMPLE ASPHYXIAN

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE:INHAL: EXCESSIVE INHAL OF VAPS
CAN BE HARMFUL & MAY CAUSE HDCH/DIZZ/ASPHYXIA/ANESTHETIC EFTS &
POSSIBLE UNCON. EYE:MILD IRRIT. SKIN:IRRIT, MILD DEFATTING OF SKIN.
INGEST:POSSIBLE CHEM PNEUM IF A SPIRATED INTO LUNGS. NAUSEA.
CHRONIC:EFTS DUE TO EXCESSIVE EXPOSURE TO RAW MATERIALS OF MIXTURE.
(SEE EFTS OF OVEREXP)

Explanation of Carcinogenicity:PERCHLOROETHYLENE: IARC GROUP 2B, NTP
KNOWN ANIMAL CARCINOGEN/SUSPECTED HUMAN CARCINOGEN.

Effects of Overexposure:HLTH HAZ:HAS SHOWN LIVER & TOXIC EFTS IN TEST
ANIMALS. CHLOROCARBON MATL HAVE PRDCD/SENSIT OF MYOCARDIUM TO
EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR EFT IN HUMANS.
ADRENOMIMETICS(E.G., EPINEPHR INE) MAY BE CONTRAINDICATED EXCEPT
FOR LIFE- SUSTAINING USES IN HUMANS ACUTELY/CHRONICALLY EXPOS TO
CHLOROCARBONS.

Medical Cond Aggravated by Exposure:MAY AGGRAVATE EXISTING EYE, SKIN,
OR UPPER RESPIRATORY CONDITIONS.

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First Aid Measures

First Aid:EYE: FLUSH WITH WATER FOR AT LEAST 15 MIN. IF IRRITATED, SEE
PHYS. SKIN: WASH WITH SOAP AND WATER. IF IRRITATED, SEE PHYS.
INHAL: REMOVE TO FRESH AIR. RESUSCITATE IF NECESSARY. GET MED AID.
INGEST: DO NOT INDUCE VOMIT. GET MED ATTN IMMED.

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Fire Fighting Measures

Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA
AND FULL PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:DO NOT EXPOSE AEROSOLS TO TEMPERATURES
ABOVE 130F OR THE CONTAINER MAY RUPTURE. THERMAL DECOMPOSITION
PRODUCTS MAY INCLUDE HCL & PHOSGENE .

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Accidental Release Measures

Spill Release Procedures:ABSORB WITH SUITABLE MEDIUM. INCINERATE OR
LANDFILL ACCORDING TO LOCAL, STATE, OR FEDERAL REGULATIONS. DO NOT
FLUSH TO SEWER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage

Handling and Storage Precautions:DO NOT PUNCTURE OR INCINERATE
CONTAINERS. DO NOT STORE AT TEMPERATURES ABOVE 130F.
Other Precautions:AVOID FOOD CONTAM. KEEP OUT OF REACH OF CHILDREN.
REMOVE IGNIT SOURCES. AVOID BRTHG VAPORS. NO SMOKING IN AREA OF
USE. DO NOT USE IN GEN VICINITY OF ARC WELDING/OPEN FLAMES/HOT
SURF. HEAT/UV RADIATION MAY CAUSE FORM OF HCL/PHOSGENE.

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Exposure Controls/Personal Protection

Respiratory Protection:IF VAPOR CONC EXCEEDS TLV, USE RESPIRATOR
APPROVED BY NIOSH/MSHA/U.S. BUREAU OF MINES FOR ORGANIC VAPOR.
Ventilation:ADEQUATE VENTILATION TO KEEP VAPOR CONCENTRATION BELOW TLV.
Protective Gloves:NEOPRENE GLOVES.
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:NONE.
Work Hygienic Practices:WASH WITH SOAP AND WATER BEFORE HANDLING FOOD.
REMOVE CONTAMINATED CLOTHING.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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Physical/Chemical Properties

Vapor Pres:60PSIG
Spec Gravity:1.015
Solubility in Water:INSOLUBLE
Appearance and Odor:SPRAY MIST WITH LEMON FRAGRANCE.

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Stability and Reactivity Data

Stability Indicator/Materials to Avoid:YES
ALKALIES, STRONG OXIDIZERS, ACIDS.
Stability Condition to Avoid:OPEN FLAME, WELDING ARCS, HEAT, SPARKS.
Hazardous Decomposition Products:CO, CO2, HYDROGEN CHLORIDE, SMALL
AMOUNTS OF CHLORINE & PHOSGENE.

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Disposal Considerations

Waste Disposal Methods:AEROSOL CANS WHEN VENTED TO ATMOSPHERIC PRESSURE

THROUGH NORMAL USE, POSE NO DISPOSAL HAZARD. DISPOSE OF IN
ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS .

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