

MONROE CHEMICAL -- ASTRO-CUT 2001 A,HEAVY DUTY BIOSTABLE CUTTING &
MATERIAL SAFETY DATA SHEET

NSN: 915000N033977

Manufacturer's CAGE: 60030

Part No. Indicator: B

Part Number/Trade Name: ASTRO-CUT 2001 A,HEAVY DUTY BIOSTABLE CUTTING &
GRINDING FL.

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General Information
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Company's Name: MONROE CHEMICAL CO INC.

Company's Street: 36 DRAFFIN RD

Company's City: HILTON

Company's State: NY

Company's Country: US

Company's Zip Code: 14468

Company's Emerg Ph #: 716-392-3434/800-424-9300 (CHEMTREC)

Company's Info Ph #: 716-392-3434

Record No. For Safety Entry: 002

Tot Safety Entries This Stk#: 002

Status: FE

Date MSDS Prepared: 12AUG93

Safety Data Review Date: 16AUG95

Supply Item Manager: CX

MSDS Preparer's Name: UNKNOWN

MSDS Serial Number: BXHVJ

Specification Number: UNKNOWN

Spec Type, Grade, Class: UNKNOWN

Hazard Characteristic Code: N1

Unit Of Issue Container Qty: UNKNOWN

Type Of Container: UNKNOWN

Net Unit Weight: UNKNOWN

NRC/State License Number: NOT RELEVANT

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Ingredients/Identity Information
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Proprietary: NO

Ingredient: MINERAL OIL, HYDROTREATED (SEVERE), HEAVY NAPHTHENIC DISTILLATE

Ingredient Sequence Number: 01

Percent: UNKNOWN

NIOSH (RTECS) Number: PY8035001

CAS Number: 64742-52-5

OSHA PEL: 5 MG/M3 AS OIL MIST

ACGIH TLV: 5 MG/M3 AS OIL MIST

Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics
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Appearance And Odor: GREEN LIQUID - PETROLEUM ODOR
Boiling Point: UNKNOWN
Melting Point: UNKNOWN
Vapor Pressure (MM Hg/70 F): UNKNOWN
Vapor Density (Air=1): UNKNOWN
Specific Gravity: 0.95
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: <1 (N-BUTYL ACETATE=1)
Solubility In Water: COMPLETE/EMULSION
Viscosity: UNKNOWN
Corrosion Rate (IPY): UNKNOWN

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Fire and Explosion Hazard Data
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Flash Point: 222F,106C
Flash Point Method: PMCC
Lower Explosive Limit: UNKNOWN
Upper Explosive Limit: UNKNOWN
Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM/DRY CHEMICAL.
Special Fire Fighting Proc: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND
NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.
Unusual Fire And Expl Hazrds: CONTAINER MAY BURST.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): EXCESSIVE HEAT, OPEN FLAME
Materials To Avoid: STRONG OXIDIZING AGENTS
Hazardous Decomp Products: MAY PRODUCE FUMES, SMOKE, CARBON MONOXIDE,
CARBON DIOXIDE AND OTHER DECOMPOSITION PRODUCTS.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data
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LD50-LC50 Mixture: TLV FOR OIL MIST IS 5 MG/M3.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: TARGET ORGANS:EYE, SKIN, RESPIRATORY TRACT.
ACUTE- MAY CAUSE EYES & SKIN IRRITATION. PROLONGED/REPEATED SKIN CONTACT
CAUSES DEFATTING. INHALATION OF VAPORS/OIL MIST MAY CAUSE IRRITATION.

INGESTION MAY CAUSE NAUSEA. ASPIRATION HAZARD. CHRONIC- UNKNOWN.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NONE

Signs/Symptoms Of Overexp: IRRITATION, NAUSEA

Med Cond Aggravated By Exp: PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

Emergency/First Aid Proc: GET MEDICAL HELP IF SYMPTOMS PERSIST.

INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WIPE OFF EXCESS. WASH SKIN WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH. SEEK MEDICAL ATTENTION. DO NOT DRINK. IF SPONTANEOUS VOMITING OCCURS, MONITOR FOR BREATHING DIFFICULTY.

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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: VENTILATE AREA. RECOVER FREE OIL IF POSSIBLE. ABSORB SPILL WITH INERT MATERIAL SUCH AS SAND, CLAY, EARTH & SHOVELD INTO CONTAINERS FOR LATER DISPOSAL. PREVENT RUN-OFF TO ENTER WATERWAYS, SEWERS. ALL RESPONSE ACTIVITIES MUST COMPLY WITH HAZWOPER.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Method: DISPOSE OF WASTE IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. RCRA EMERGENCY NUMBER: 800-424-9346. DO NOT CONTAMINATE ANY LAKES, STREAMS, PONDS OR UNDERGROUND WATER SUPPLY. INCINERATION IS RECOMMENDED.

Precautions-Handling/Storing: STORE AWAY FROM HEAT, FLAME & STRONG OXIDANTS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

Other Precautions: DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING OIL MIST. DISCARD LUBRICANT-SOAKED SHOES. REMOVE LUBRICANT-SOAKED CLOTHING AND LAUNDRER BEFORE RE-USE.

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Control Measures
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Respiratory Protection: NONE NORMALLY REQUIRED. IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS, WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation: USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL BELOW APPLICABLE STANDARD(S).

Protective Gloves: NITRILE OR NEOPRENE RECOMMENDED

Eye Protection: SAFETY GLASSES, FACE SHIELD RECOMMENDED

Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Suppl. Safety & Health Data: FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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Transportation Data
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Trans Data Review Date: 95228
DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI PSN Code: ZZZ
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Disposal Data
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Label Data
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Label Required: YES
Technical Review Date: 16AUG95
MFR Label Number: NOT RELEVANT
Label Status: F
Common Name: ASTRO-CUT 2001 A,HEAVY DUTY BIOSTABLE CUTTING & GRINDING FL.
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-Slight: X
Reactivity Hazard-None: X
Special Hazard Precautions: TARGET ORGANS:EYE, SKIN, RESPIRATORY TRACT. ACUTE- MAY CAUSE EYES & SKIN IRRITATION. INHALATION OF VAPORS/OIL MIST MAY CAUSE IRRITATION. INGESTION MAY CAUSE NAUSEA. ASPIRATION HAZARD. CHRONIC- UNKNOWN. STORE AWAY FROM HEAT, FLAME & STRONG OXIDANTS. ABSORB SPILL WITH INERT MATERIAL SUCH AS SAND. PLACE INTO CONTAINERS FOR DISPOSAL. FIRST AID- GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WIPE OFF EXCESS. WASH SKIN WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH. SEEK MEDICAL ATTENTION. DO NOT DRINK.
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