

## MONROE CHEMICAL CO INC. -- ASTRO-CUT 2001 A,HEAVY DUTY BIOSTABLE CUTTING &amp; GRINDING FL. -- 9150-00N033977

## ===== Product Identification =====

Product ID:ASTRO-CUT 2001 A,HEAVY DUTY BIOSTABLE CUTTING & GRINDING FL.

MSDS Date:08/12/1993

FSC:9150

NIIN:00N033977

MSDS Number: BXHVJ

=== Responsible Party ===

Company Name:MONROE CHEMICAL CO INC.

Address:36 DRAFFIN RD

City:HILTON

State:NY

ZIP:14468

Country:US

Info Phone Num:716-392-3434

Emergency Phone Num:716-392-3434/800-424-9300(CHEMTREC)

CAGE:2S795

=== Contractor Identification ===

Company Name:MONROE CHEMICAL CO., INC.

CAGE:2S795

Company Name:MONROE FLUID TECHNOLOGY

Address:36 DRAFFIN RD

Box:810

City:HILTON

State:NY

ZIP:14468-9708

Country:US

Phone:800-828-8351

CAGE:60030

## ===== Composition/Information on Ingredients =====

Ingred Name:MINERAL OIL,HYDROTREATED (SEVERE), HEAVY NAPHTHENIC  
DISTILLATE

CAS:64742-52-5

RTECS #:PY8035001

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

## ===== Hazards Identification =====

LD50 LC50 Mixture:TLV FOR OIL MIST IS 5 MG/M3.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards 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.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

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 & WA TER. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE  
MOUTH. SEEK MEDICAL ATTENTION. DO NOT DRINK. IF SPONTANEOUS  
VOMITING OCCURS, MONITOR FOR BREATHING DIFFICULTY.

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

Flash Point Method:PMCC

Flash Point:222F,106C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM/DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND  
NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE  
EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:CONTAINER MAY BURST.

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

Spill Release Procedures: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

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Handling and Storage  
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Handling and Storage Precautions: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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Exposure Controls/Personal Protection  
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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.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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Physical/Chemical Properties  
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HCC:V6

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:0.95

Evaporation Rate & Reference:<1 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE/EMULSION

Appearance and Odor:GREEN LIQUID - PETROLEUM ODOR

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:EXCESSIVE HEAT, OPEN FLAME

Hazardous Decomposition Products:MAY PRODUCE FUMES, SMOKE, CARBON MONOXIDE, CARBON DIOXIDE AND OTHER DECOMPOSITION PRODUCTS.

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Disposal Considerations  
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Waste Disposal Methods: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.

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