



**Safety Data Sheet in accordance with Regulation (EU) No. 453/2010 and
OSHA 29 CFR 1910.1200 HCS**

ASTRO-CUT A



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3. Composition/Information on Hazardous Ingredients

Mixture: Highly refined mineral oil, emulsifiers and additives.

Chemical Name	CAS Number	Concentration, Wt. %
Severely Hydrotreated Heavy Naphthenic Distillate	64742-52-5	Trade secret
4- (2-Nitrobutyl) Morpholine	2224-44-4	Trade secret
Triethanolamine	102-71-6	Trade secret

4. First Aid

Inhalation:



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Environmental Precautions: Do not allow spilled material to enter sewers or streams. If spills are likely to enter any drain, waterway or groundwater, contact the appropriate governmental agency.

Methods and materials for containment: Add dry material to absorb (if large spill, dike to contain). Using recommended protective equipment, pick up bulk of spill and containerize for recovery or disposal. Flush area with water to remove residues.

7. Handling and Storage

Precautions for safe handling: Read label for instructions in use of product. Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source).

Conditions for safe storage: Store in closed containers in a cool, dry well ventilated area not exposed to sunlight. Maintain closure of bungs. Store at temperatures between 5°C and 30°C. Do not reuse container. Avoid container damage while storing.

Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, bronze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition; they may explode and cause injury or death. Do not attempt to refill containers since residue is difficult to remove. Empty drums should be completely drained, properly bunged and returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner in accordance with governmental regulations.

8. Exposure Controls/Personal Protection

Control parameters:

Exposure Guidelines:

Severely Hydrotreated Heavy Naphthenic Distillate: TLV: 5 mg/m³ of oil mist
Triethanolamine: ACGIH TLV: 5 mg/m³

Appropriate engineering controls: Proper protection and controls is dependent upon the potential exposure conditions. No special requirements are needed under ordinary conditions where adequate ventilation is available.

Individual protective measures:

Respiratory protection: General room ventilation should be satisfactory. Exhaust ventilation may be necessary if misting is generated.

Eye protection: If there is a possibility that the product can be splashed into the eyes, then safety glasses with side shields or chemical goggles are required. Contact lenses should also not be worn if the product could be splashed into the eyes.

Hand protection: Chemically resistant gloves are required.

Body



