

Safety Data Sheet
HD-50

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: HD-50
PRODUCT CODE: 6120
RECOMMENDED USE: Synthetic Cutting Flood and Coolant
RESTRICTIONS ON USE: None Known
COMPANY NAME: QuestSpecialty Corporation
COMPANY ADDRESS: P.O. Box 624, Brenham, TX 77834
COMPANY PHONE: 800-231-0454
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Carcinogenicity: Category 2
HAZARD STATEMENT(S): **WARNING:** Suspected of causing cancer.
This product contains the following percentage of chemicals of unknown toxicity: 0%
PRECAUTIONARY STATEMENTS: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/clothing and eye/face protection. If exposed or concerned: Get medical advice/attention. Store locked up. Dispose of contents in accordance with local, state, and federal regulations.
SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Diethanolamine	111-42-2	<1%

SECTION IV - FIRST AID MEASURES

EYES: Remove contact lenses. Flush with water for at least 15 minutes. See a physician if irritation persists.
INGESTION: Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.
INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.
SKIN: Immediately wash with soap and warm water for 15 minutes.
ACUTE HEALTH HAZARDS: None Known
CHRONIC HEALTH HAZARDS: None known
NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Use appropriate media for surrounding fire.
UNSUITABLE EXTINGUISHING MEDIA: N/A
SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen.

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

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SPILL: Soak up with an non-combustible material like vermiculite, sand or earth.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not reuse container and recycle or place in trash collection. Drums and pails should be offered for recycling.

RCRA STATUS: Waste likely considered non-hazardous under RCRA, however, product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry area, keep containers tightly closed. Keep out of reach of children and do not store near food, drink, or animal food.

OTHER PRECAUTIONS: None

INCOMPATIBILITY: Strong acids, strong oxidizing agents.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Diethanolamine	3 ppm	0.02 ppm

ENGINEERING CONTROLS / VENTILATION: N/A

RESPIRATORY PROTECTION: Not required with adequate ventilation

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses

ADDITIONAL MEASURES: Wash hands thoroughly after handling.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Blue Colored Liquid

ODOR: Characteristic Odor

ODOR THRESHOLD: N/D

pH: 9.5-10.5

MELTING POINT/FREEZING POINT: N/D

INITIAL BOILING POINT AND BOILING RANGE: > 212°F (100°C)

FLASH POINT: N/D

EVAPORATION RATE: Slow

FLAMMABILITY(solid/gas): Not considered a flammable liquid by OSHA (29CFR 1910.1200)

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

EXPLOSIVE LIMIT LOWER (%): N/D

EXPLOISVE LIMIT UPPER (%): N/D

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (AIR=1): N/D

RELATIVE DENSITY (H2O=1): 1.03-1.05

SOLUBILITY(IES): 100% water

PARTITION COEFFICIENT: n-OCTANOL/WATER (Kow): N/D

AUTOIGNITION TEMPERATURE: N/D

DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: N/A

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: Nitrogenous acids, and other compounds with reactive nitrate groups.

CHEMICAL STABILITY: Stable

POSSIBLE HAZARDOUS REACTIONS: None Known

CONDITIONS TO AVOID: None known

INCOMPATIBLE MATERIALS: Strong acids, strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon and Nitrogen.

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SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not Established

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: May cause irritation.

INGESTION: Causes gastrointestinal irritation.

INHALATION: Causes mild irritation to the respiratory tract.

SKIN: May cause irritation.

MEDICAL CONDITION AGGRAVATED: None known

ACUTE HEALTH HAZARDS: None Known

CHRONIC HEALTH HAZARDS: None known

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: 2B - Possible OTHER: CA Prop 65

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Triethanolamine (102-71-6) LC₅₀ (Fish, 96hr) 11800 mg/L

PERSISTENCE AND DEGRADABILITY: This product is biodegradable.

BIOACCUMULATIVE POTENTIAL: This product will not bioaccumulate.

MOBILITY IN SOIL: This product is mobile in soil.

OTHER ADVERSE EFFECTS: None Known

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not reuse container and recycle or place in trash collection. Drums and pails should be offered for recycling.

RCRA STATUS: Waste likely considered non-hazardous under RCRA, however, product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Cleaning Compound, N.O.S., Non Regulated

HAZARD CLASS/DIVISION: None

UN/NA NUMBER: N/A

PACKING GROUP: None

AIR SHIPMENT

PROPER SHIPPING NAME: Cleaning Compound, N.O.S., Non Regulated

HAZARD CLASS/DIVISION: None

UN/NA NUMBER: N/A

PACKING GROUP: None

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Cleaning Compound, N.O.S., Non Regulated

HAZARD CLASS/DIVISION: None

UN/NA NUMBER: N/A

PACKING GROUP: None

ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA 311/312 HAZARD CATEGORIES: None

SARA 313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: Prop 65: This product can expose you to chemicals including Diethanolamine which is known to the State of California to cause cancer and Ethylene Oxide which is known to the State of California to cause birth defects and other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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INTERNATIONAL REGULATIONS: All components are listed or exempted.

VOLATILE ORGANIC COMPOUNDS (VOC): 0%

NFPA HEALTH: 1
NFPA FLAMMABILITY: 0
NFPA REACTIVITY: 0
NFPA OTHER: None

HMIS HEALTH: 1
HMIS FLAMMABILITY: 0
HMIS REACTIVITY: 0
HMIS PROTECTION: A

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Andrew Bach

DATE PREPARED: 7/18/2013

REVISION DATE: 02/22/2021

N/A = Not Applicable; N/D = Not Determined

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