

Safety Data Sheet
Ultra-Cut Gold

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Ultra-Cut Gold
PRODUCT CODE: 80-051, 80-052, 80-053
RECOMMENDED USE: Metalworking Tapping Fluid
RESTRICTIONS ON USE: None Known
COMPANY NAME: Kimball Midwest
COMPANY ADDRESS: 4800 Roberts Rd, Columbus, OH 43228
COMPANY PHONE: 800-233-1294
EMERGENCY PHONE: Chemtrec 800-424-9300

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Eye Damage: Category 1
Specific Target Organ Toxicity (Single Exposure): Category 1
Specific Target Organ Toxicity (Repeated Exposure): Category 2
Skin Irritant: Category 2

HAZARD STATEMENT(S): DANGER: Causes skin irritation and serious eye damage. Causes damage to organs. May cause damage to organs through prolonged or repeated exposure.

This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS: Wear eye/face protection and protective gloves. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly with soap and water after handling. If on skin: Wash with plenty of soap and water. Do not eat, drink, or smoke when using this product. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. If exposed: Call a poison center/doctor. For specific treatment see First Aid section. Store locked up. Get medical advice/attention if you feel unwell. Dispose of contents/container in accordance with local, state, and federal law.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Triethanolamine	102-71-6	5 - 10%
Proprietary Surfactant	Trade Secret	1 - 4%
Diethylene glycol	111-46-6	0.5 - 2%
Diethanolamine	111-42-2	<0.1%

Trade Secret Information: A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 minutes while holding eyelids open. Seek immediate medical attention.

INGESTION: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention.

INHALATION: If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

ACUTE HEALTH HAZARDS: Chronic, Kidney and liver damage possible. Causes serious damage to eyes.

CHRONIC HEALTH HAZARDS: Oral exposure and repeated oral exposure causes damage to the following organs: kidneys, blood, and central nervous systems.

Safety Data Sheet

Ultra-Cut Gold

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: Not usually needed as product does not readily support combustion. Use media appropriate for fire's fuel source.

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

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. Use water spray only to cool exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Non-flammable liquid.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

SECTION VI – ACCIDENTAL RELEASE MEASURES

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

SPILL: Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

RCRA STATUS: Waste likely considered 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 away from extremes of temperature. Keep container tightly sealed when not in use.

OTHER PRECAUTIONS: Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warning and precautions listed for the product. Keep out of the reach of children

INCOMPATIBILITY: Oxidizing materials

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Triethanolamine	5 mg/m3	5 mg/m3
Proprietary Surfactant	Not Established	Not Established
Diethylene glycol	Not Established	Not Established
Diethanolamine	15 mg/m3	1 mg/m3

ENGINEERING CONTROLS / VENTILATION: Use only in well ventilated areas or outside. Forced ventilation required. Local exhaust preferred to general.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved organic vapor respiratory protection if used in confined, poorly ventilated areas.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves

ADDITIONAL MEASURES: Wash hands thoroughly after handling. Avoid breathing vapors.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Amber Liquid

ODOR: Mild odor

ODOR THRESHOLD: N/D

pH: 8.5-9.5

MELTING POINT/FREEZING POINT: N/D

INITIAL BOILING POINT AND BOILING RANGE: N/D

FLASH POINT: N/D

EVAPORATION RATE: N/D

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

Safety Data Sheet

Ultra-Cut Gold

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

LOWER FLAMMABILITY LIMIT: N/D
UPPER FLAMMABILITY LIMIT: N/D
EXPLOSIVE LIMIT LOWER (%): N/D
EXPLOSIVE LIMIT UPPER (%): N/D
VAPOR PRESSURE (mm Hg): N/D
VAPOR DENSITY (AIR=1): N/D
RELATIVE DENSITY (H₂O=1): 1.00-1.05 @ 77° F (25°C)
SOLUBILITY(IES): 100% water
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D
AUTOIGNITION TEMPERATURE: N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: If exposed to strong oxidizers, presents explosion hazard.
CHEMICAL STABILITY: Stable
POSSIBLE HAZARDOUS REACTIONS: None Known
CONDITIONS TO AVOID: Extremes of hot and cold.
INCOMPATIBLE MATERIALS: Oxidizing materials
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Diethylene Glycol (DEG) (111-46-6) LD₅₀ (Oral, Rat) 25,300 mg/kg; LD₅₀ (Oral, Human) 1,000 mg/kg; LD₅₀ (Dermal, Rabbit) 12,500 mg/kg; LC₅₀ (Inhalation, Rat) > 1,172 ppm **Proprietary Surfactant** (Trade Secret)
- Not Established
ROUTES OF ENTRY: Eyes, Ingestion, Skin
EYES: Causes serious eye damage.
INGESTION: May cause nausea, diarrhea, vomiting, depending on the amount ingested.
INHALATION: Causes irritation to the respiratory tract, dizziness, drowsiness.
SKIN: Causes irritation, dryness.
MEDICAL CONDITION AGGRAVATED: Pre-existing conditions of the kidneys and CNS.
ACUTE HEALTH HAZARDS: Chronic, Kidney and liver damage possible. Causes serious damage to eyes.
CHRONIC HEALTH HAZARDS: Oral exposure and repeated oral exposure causes damage to the following organs: kidneys, blood, and central nervous systems.
CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: 2B - Possibly carcinogenic to humans **OTHER:** CA Prop 65

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Not Established
PERSISTENCE AND DEGRADABILITY: Component or components of this product are not biodegradable.
BIOACCUMULATIVE POTENTIAL: This product is not expected to 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.
RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Lubricating Compound N.O.S
HAZARD CLASS/DIVISION: Not Regulated
UN/NA NUMBER: N/A

Safety Data Sheet
Ultra-Cut Gold

PACKING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Lubricating Compound N.O.S

HAZARD CLASS/DIVISION: Not Regulated

UN/NA NUMBER: N/A

PACKING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Lubricating Compound N.O.S

HAZARD CLASS/DIVISION: Not Regulated

UN/NA NUMBER: N/A

PACKING GROUP: N/A

ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION
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TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Diethanolamine (111-42-2) Reportable
Quantity = 100 lbs

SARA 311/312 HAZARD CATEGORIES: Acute Health, Chronic Health.

SARA 313 REPORTABLE INGREDIENTS: None

CLEAN WATER ACT: None

STATE REGULATIONS: This product can expose you to chemicals including Diethanolamine, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

INTERNATIONAL REGULATIONS: N/A

NFPA HEALTH: 2

NFPA FLAMMABILITY: 0

NFPA REACTIVITY: 0

NFPA OTHER: None

HMIS HEALTH: 2

HMIS FLAMMABILITY: 0

HMIS REACTIVITY: 0

HMIS PROTECTION: B

SECTION XVI - OTHER INFORMATION
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PREPARATION BY: Regulatory

DATE PREPARED: 05/02/2019

REVISION DATE: 11/04/2019

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

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