

SAFETY DATA SHEET

Date Prepared : 6/3/2015

SDS No : EZ E_SDS

EZ-E

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: EZ-E

GENERAL USE: Extreme Temperature Antiseize Lubricating Catalyst

PRODUCT CODE: A40-13140

MANUFACTURER

Ultra-Chem Inc.
8043 Flint
Lenexa, KS 66214
Emergency Phone: 913-492-2929
Customer Service: 800-451-0726
Transportation: 800-535-5053

24 HR. EMERGENCY TELEPHONE NUMBERS

Infotrac 800-535-5053

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Serious Eye Damage / Eye Irritation, Category 2A
Aspiration Hazard, Category 1

Environmental:

Acute Hazards to the Aquatic Environment, Category 2
Chronic Hazards to the Aquatic Environment, Category 2

Physical:

Flammable Aerosols, Category 1

GHS LABEL

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)



Flame



Health hazard



Exclamation mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H222: Extremely flammable aerosol.

H304: May be fatal if swallowed and enters airways.

H319: Causes serious eye irritation.

PRECAUTIONARY STATEMENTS

Prevention:

P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Pressurized container: Do not pierce or burn, even after use.

P264: Wash face, hands and any exposed skin thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+P313: IF exposed or concerned: Get medical advice/attention.
 P331: Do NOT induce vomiting.
 P337+P313: If eye irritation persists: Get medical advice/attention.

Storage:

P405: Store locked up.
 P410+P412: Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F.

Disposal:

P501: Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Acetone	< 20	67-64-1
N-butane	< 20	106-97-8
Copper	< 20	7440-50-8
Isopar C	< 20	64741-66-8
Propane	< 20	74-98-6
Distillates, Petroleum, Hydrotreated Light	< 10	64742-47-8
Ethanol, 2, 2', 2"-nitrilotris	< 10	102-71-6
Aluminum	< 1	7429-90-5

4. FIRST AID MEASURES

EYES: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately. In case of contact with eyes, rinse immediately with plenty of water.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or Poison Control Center if you feel unwell.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Extremely flammable aerosol

GENERAL HAZARD: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

EXTINGUISHING MEDIA: Use Powder, alcohol-resistant foam, dry chemical or carbon dioxide.

OTHER CONSIDERATIONS: In a fire or if heated, a pressure increase will occur and the container may burst.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if not water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

LARGE SPILL: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and

place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

7. HANDLING AND STORAGE

HANDLING: Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

STORAGE: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)						
Chemical Name	EXPOSURE LIMITS					
	TWA	OSHA PEL	ppm	mg/m ³	ACGIH TLV	Supplier OEL
Acetone	TWA	1000	2400	500		NL
	STEL			750		NL
Copper	TWA		1		(
Aluminum	TWA		15T 5R		1	

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: If splashes are likely to occur, wear: Tightly fitting safety goggles and face shield

SKIN: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

RESPIRATORY: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.

PROTECTIVE CLOTHING: Wear chemical protective clothing e.g. gloves, aprons, boots. As conditions required.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Gas

ODOR: Typical

ODOR THRESHOLD: No data available

APPEARANCE: Colored

PHYSICAL STATE COMMENTS: Aerosol

pH: 6 to 7

FLASH POINT AND METHOD: (156°F)

FLAMMABLE LIMITS: No data available

AUTOIGNITION TEMPERATURE: No data available

VAPOR PRESSURE: No data available

VAPOR DENSITY: No data available

BOILING POINT: No data available

FREEZING POINT: No data available

MELTING POINT: No data available

THERMAL DECOMPOSITION: No data available

SOLUBILITY IN WATER: No data available

EVAPORATION RATE: No data available

DENSITY: No data available

SPECIFIC GRAVITY: No data available

VISCOSITY: No data available

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable under recommended storage conditions.

POLYMERIZATION: Hazardous polymerization does not occur.

CONDITIONS TO AVOID: Extremes of temperature and direct sunlight.

POSSIBILITY OF HAZARDOUS REACTIONS: Under normal conditions of storage and use, hazardous reactions will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

INCOMPATIBLE MATERIALS: Strong oxidizing agents. Fluorine. Chlorine. Nitrates.

11. TOXICOLOGICAL INFORMATION

ACUTE

EYES: Causes serious eye irritation

DERMAL LD₅₀: Prolonged or repeated exposure may cause liver and kidney damage. These effects have not been observed in humans.

ORAL LD₅₀: May be fatal if swallowed and enters airways.

INHALATION LC₅₀: May be fatal if swallowed and enters airways. Prolonged inhalation may be harmful. Narcotic effects.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

BIOACCUMULATION/ACCUMULATION: No data available

DISTRIBUTION: No data available

CHEMICAL FATE INFORMATION: No data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Aerosols, flammable

PRIMARY HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

OTHER SHIPPING INFORMATION: This product meets the exception requirement of section 173.306 as a limited quantity and

may be shipped as a limited quantity.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: Yes **PRESSURE GENERATING:** Yes **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Copper	< 20	7440-50-8

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Acetone	< 20	5,000
Copper	< 20	5,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Acetone	67-64-1
N-butane	106-97-8
Copper	7440-50-8
Isopar C	64741-66-8
Propane	74-98-6
Distillates, Petroleum, Hydrotreated Light	64742-47-8
Ethanol, 2, 2', 2"-nitrilotris	102-71-6
Aluminum	7429-90-5

CLEAN AIR ACT

Chemical Name	Wt.%	CAS
N-butane	< 20	106-97-8
Propane	< 20	74-98-6

16. OTHER INFORMATION

PREPARED BY: KH **Date Prepared:** 6/3/2015

MANUFACTURER DISCLAIMER: The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. the information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.