

SAFETY DATA SHEET

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Crosszyme® Concentrated Ultrasonic Cleaner
PRODUCT CODE: JEZ

COMPANY: Crosstex International, Inc.
ADDRESS: 6789 W. Henrietta Road, Rush, NY 14543
PHONE: 585.359.0130 631.582.6777

PRODUCT USE: Concetrated Ultrasonic Cleaner

EMERGENCY PHONE: INFOTRAC: 24 Hour Number:1-800-535-5053
International: +1-352-323-3500

2. HAZARD IDENTIFICATION

SYMBOLS: Exclamation mark
SIGNAL WORD: Warning



GHS Classification:

	Health	Environmental	Physical
Eye Irritant:	Category 2A		
Skin Irritant:	Category 2		
Acute Oral Toxicity:	Below limit		

Hazard Statements	Precautionary Statements
H319: Causes serious eye irritation H315: Causes skin irritation	P280: Wear protective gloves/protective clothing/eye protection/face protection. P264: Wash thoroughly after handling. P302+P352: IF ON SKIN: Wash with plenty of water. P332+P313: If skin irritation occurs, get medical attention. P362+P364: Take off contaminated clothing and wash it before reuse. P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists, get medical attention.

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ROUTES OF EXPOSURE:

SKIN: May cause drying or redness of skin.
INGESTION: May be harmful if swallowed. May cause gastro-intestinal upset.
INHALATION: May cause respiratory tract irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS (not intended as specifications)

INGREDIENT: Bacterial Protease
CAS NO 9014-01-1 **% WT** < 1.0%
HAZARDOUS: Yes

INGREDIENT: Cocamidopropyl betaine
CAS NO 61789-40-0 **% WT** 1.0 - 10.0 %
HAZARDOUS: Yes

INGREDIENT: EDTA
CAS NO 6381-92-6 **% WT** 1.0 - 10.0 %
HAZARDOUS: Yes

4. FIRST AID MEASURES

EYES: Immediately flush eyes with running water for at least 15 minutes, holding the eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. If irritation persists, contact physician.

SKIN: Wash with soap or mild detergent and water for at least 15 minutes. Get medical attention if irritation develops or persists. Wash clothing before reuse.

INGESTION: Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. Seek medical attention. Do not induce vomiting.

INHALATION: Remove victim to fresh air. Monitor patient for respiratory distress. Get medical attention if irritation develops or persists.

5. FIREFIGHTING MEASURES

FLAMABILITY: NO
COMBUSTIBLE: N/Av
Extinguishing media: Apply all-purpose type foams by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires. Water is suitable.
HAZARDOUS DECOMPOSITION PRODUCTS: Ammonia, nitrous oxides, carbon monoxide, and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Contain spilled material. Provide adequate ventilation. Spill should be collected in suitable containers or absorbed on a suitable absorbent material for subsequent disposal. Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

7. HANDLING AND STORAGE

Keep away from heat, in a cool well-ventilated area. Protect from freezing. Keep container closed when not in use. Avoid breathing vapors. Avoid contact with eyes.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Use adequate ventilation.
RESPIRATORY PROTECTION: For reasonable use of this material, respiratory protection should not be necessary.
EYE PROTECTION: Safety glasses to protect from splashes.
SKIN PROTECTION: Gloves should be used.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Light green colored, slightly cloudy liquid
ODOR: Mild citrus
PHYSICAL STATE: Liquid
pH: 7.50 - 9.50
BOILING POINT: Above 100°C
MELTING POINT: N/Av
FREEZING POINT: Below 0°C
SPECIFIC GRAVITY @ 25 ± 1°C: 1.000 - 1.200
EVAPORATION RATE: N/Av
SOLUBILITY IN WATER: Soluble

10. STABILITY AND REACTIVITY

STABILITY: N/Av
CONDITIONS TO AVOID (STABILITY): N/Av
INCOMPATIBILITY (MATERIAL TO AVOID): Oxidizing materials
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Burning can produce carbon monoxide and carbon dioxide, ammonia, and nitrous oxides (small amounts).

11. TOXICOLOGICAL INFORMATION

BACTERIAL PROTEASE: LD50 (rat) = 983 mg/kg
EDTA: LD50 Oral rat = 2000 mg/kg
COCAMIDOPROPYL BETAINE: LD50 Oral rat >5000 mg/kg

12. ECOLOGICAL INFORMATION

N/Av

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: According to state, federal, provincial, and local regulations.

14. TRANSPORT INFORMATION

TRANSPORT HAZARD CLASS: Not regulated as a hazardous good.

15. REGULATORY INFORMATION

N/Av

16. OTHER INFORMATION

Prepared by: Crosstex International

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