

IJO PRODUCTS, LLC

Page 1 of 4

E-RASE™

MATERIAL SAFETY DATA SHEET

IJO PRODUCTS, LLC

8939 N. Chestnut Ave. #317

Fresno, California 93720

Telephone: 559-907-1017

FAX: 559-322-1308

e-mail: ijoproduct@aol.com

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Person Responsible for Revision: D. M. Dunbar, Ph.D.

SECTION I - IDENTITY

Name: E-RASE™

Alternate Brand Names: ECO E-RASE, Ornaments E-RASE, Agriculture E-RASE, DETUR, E-RASE Ready-To-Use

Synonym: N/A

CAS No.: None

D.O.T. Class: None

EPA Reg. No.: 68186-1

Chemical Family: Liquid wax

NFPA HAZARD RATINGS:

HEALTH 1 **FLAMMABILITY** 0 **REACTIVITY** 0
(4=Extreme; 3=High; 2=Moderate 1=Slight, 0=Insignificant)

SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredient (CAS No.)</u>	<u>Hazards</u>	<u>TLV</u>
Component B (Trade Secret)	Eye Irritant	N/A

SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS

Fire and Explosion Data

Boiling Point: 398°C (748°F) (under N₂ atmosphere)

Melting Point: 7°C (45°F)

Specific Gravity: 0.863 (25/25°C)

Vapor Pressure (mm/Hg): N/A

Percent Volatile by Vol: N/A

Vapor Density (Air = 1): N/A

Flammable Limit (% Vol. in Air): N/A

Solubility in Water: Emulsifiable

Reactivity with Water: Nonreactive

Flash Point: 295-338°C (decomposes at 315°C)

Evaporation Rate: N/A

Appearance: Golden yellow or clear liquid

Odor: Nutty odor

SECTION IV - FIRE & EXPLOSION DATA

Flammable Limit (%Vol. in Air): N/A

Flash Point: > 290°C

Fire Extinguisher Media: Dry Chemical

Special Fire Fighting Procedures: Avoid inhalations of vapors and fumes.

Unusual Fire and Explosion Hazards: None Known

SECTION V - PHYSICAL HAZARDS

Stability: Stable

Polymerization: Will not occur

Incompatible Substances: Concentrated oxidizing or reducing agents are incompatible with the minor components of this product.

Conditions to Avoid: None known.

Hazardous Decomposition Products: Acrid smoke and fumes are emitted when heated to decomposition.

SECTION VI - HEALTH HAZARDS

Threshold Limit Value: None established

Routes of Exposure: Skin and ingestion are the major routes of exposure.

Toxicity Data:

Acute oral LD₅₀ (rats) >5050 mg/kg

Acute dermal LD₅₀ (rabbits) >2020mg/kg

Primary eye irritation (rabbits) No "positive" effects at 72 hours.

Primary dermal irritation (rabbits) Slightly irritating.

Health Effects: May cause eye irritation. Inhalation of mists may cause throat and nose irritation.

Signs and Symptoms of Overexposure: Symptoms of eye contact include burning sensation or stinging

of eyes and lids, excessive watering of eyes, and inflammation of the conjunctiva. Symptoms of inhalation include coughing, irritation of mucous membranes in the nose, throat, and eyes, and difficulty in breathing.

IJO PRODUCTS, LLC

Page 3 of 4

E-RASE™

Medical Conditions Generally Aggravated by Exposure: None known

Other Health Effects: None known

Supplemental Information: None

Carcinogen: None of the ingredients of this product is listed as carcinogenic by any regulatory agency.

Emergency First Aid Procedures:

Eyes: Immediately flush eyes with copious amounts of clear cool water for at least 15 minutes.

Call a poison control center or doctor for treatment advice.

Skin Contact: Washing with soap and water is recommended.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

Ingestion: General precautionary measures suggest giving two glasses of water. Never give anything by mouth to an unconscious person. Contact a physician immediately.

SECTION VII - SPECIAL PROTECTION INFORMATION

Generally Applicable Protection: Provide adequate ventilation to prevent buildup of mists or vapors. **Protective Clothing:** Applicators and other handlers must wear long-sleeved shirts, pants, waterproof gloves, shoes and socks. Follow manufacturer's instructions for cleaning and maintaining personal protective equipment. If no instructions for washables are available; use soap and water. Keep personal protective equipment separate from other laundry.

SECTION VIII - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be taken in Handling and Storage: Do not contaminate with other pesticides. Keep dry. Keep away from children.

Precautions to be taken in case of Spill or Leak: Contain spill and then absorb with earth, sand or similar inert material.

Waste Disposal Procedures-General: Dispose of with solid waste according to Federal, State and local regulations.

Environmental Hazards: None found.

SECTION IX – REGULATORY INFORMATION

SARA TITLE III DATA

Sections 311 & 312 Hazardous Categories:

Immediate Health Hazard: Yes

Delayed Health Hazard: No

Fire Hazard: No

Reactive Hazard: No

Sudden Pressure Release Hazard: No

Section 302 Extremely Hazardous Substances: None

Section 313 Toxic Chemicals: None

CERCLA Reportable Quantities (RQ): None

Proposition 65 (CA only): None

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Abbreviations & Acronyms used:

N/A	-	Not available
ACGIH	-	American Conference of Governmental Industrial Hygienists
CERCLA	-	Comprehensive Environmental Response, Compensation, and Liability Act
EPA	-	Environmental Protection Agency
FIFRA	-	Federal Insecticide, Fungicide, and Rodenticide Act
IARC	-	International Agency for Research on Cancer
NTP	-	National Toxicology Program
SARA	-	Superfund Amendments and Reauthorization Act
TSCA	-	Toxic Substances Control Act