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SECTION 1: IDENTIFICATION

Product Name: Eraser Maxx **EPA Registration No.:** 53883-439

Recommended Use: Herbicide; See product label for a complete list of uses and use sites. **Restrictions on Use:** See product label for any restrictions on the use of this product.

Chemical Family: Not available

Chemical Name of Glyphosate, isopropylamine salt **Active Ingredient(s):** Imazapyr, isopropylamine salt

Manufactured for: Control Solutions, Inc.

5903 Genoa-Red Bluff Pasadena, TX 77507

FOR FIRE, SPILL, AND/OR LEAK EMERGENCIES CONTACT: CHEMTREC 1-800-424-9300

FOR MEDICAL EMERGENCIES AND HEALTH AND SAFETY INQUIRIES CONTACT: Safety Call 1-866-897-8050

SECTION 2: HAZARD(S) IDENTIFICATION

EMERGENCY OVERVIEW: Clear amber liquid. Likely to cause eye irritation.

OSHA HCS CLASSIFICATION (29 CFR 1910.1200)

This product does not have sufficient data to classify the hazards. However, good industrial hygiene practices should be used in the manufacture and handling of the product.

Signal Word: Not determined Hazard Statement(s): Not determined

Precautionary Statement(s):

Prevention: Not determined
Response: Not determined
Storage: Not determined
Disposal: Not determined

The following percentage of the mixture consists of components with unknown hazards regarding the acute toxicity:

100.0% Acute Oral Toxicity100.0% Acute Dermal Toxicity100.0% Acute Inhalation Toxicity

100.0% Eye Irritation 100.0% Skin Irritation 100.0% Skin Sensitization

SECTION 3: COMPOSTION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Glyphosate, isopropylamine salt	38641-94-0	43.68%
Imazapyr, isopropylamine salt	81510-83-0	0.78%

^{*}Ingredients not listed or listed with a weight % range are considered a trade secret and are withheld under 29 CFR 1910.1200(i).

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SECTION 4: FIR	RST AID MEASURES
IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF ON SKIN:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
IF INHALED:	Move person to fresh air. If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
IF INGESTED:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed: Potential for moderate eye irritation, including redness, tearing and stinging.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Foam, dry chemical, carbon dioxide or water spray

Unsuitable Extinguishing Media: Water jet

Hazardous Combustion Products: Thermal decomposition may produce toxic oxides of carbon, nitrogen

and phosphorous.

Special Protective Equipment &

Precautions:

Evacuate area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Foam and/or dry chemical are preferred to minimize environmental contamination. If water is used, dike and collect water to prevent run-off. Wear self-contained breathing apparatus and full fire-fighting turn-out gear

(Bunker gear).

Unusual Fire & Explosion Hazards: None known

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: See Section 8 for personal protection equipment.

Environmental Precautions: Keep spilled material and any rinsate from contaminating soil or from entering

sewage and drainage systems and bodies of water.

Methods for Containment: Isolate the spill area. Keep unnecessary and unprotected personnel from

entering. Absorb small spills with sand, vermiculite or other inert absorbent. Dike large spills using absorbent or impervious material such as clay or sand. Recover and contain as much free liquid as possible for reuse. Allow absorbed

material to solidify and scrape up for disposal.

Methods for Clean-up: Place contaminated material in appropriate container for disposal. After

removal, flush contaminated area thoroughly with water. Pick up wash liquid with additional absorbent and place in a disposable container. Do not put

spilled material back in the original container.

Other Information: None known

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SECTION 7: HANDLING AND STORAGE

Handling: RECOMMENDATIONS ARE INTENDED FOR MANUFACTURING, PACKAGING AND COMMERCIAL

BLENDING WORKERS. PESTICIDE APPLICATORS AND WORKERS must refer to the product label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170. Handle and open container in a manner as to prevent spillage. Do not eat, drink or smoke while handling this product. Immediately wash off accidental splashes of the concentrate or spray mixture from

skin, clothing and out of eyes.

Storage: See pesticide label for full information on product storage. Do not contaminate water, food

or feed by storage of this product. Store away from sources of heat, out of direct sunlight and away from incompatible materials. Pesticides should be stored in secured areas away from

children and animals.

Storage Temperature (Min/Max): Store at room temperature.

Product Incompatibilities: None known

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Users of a pesticide product must refer to the product label for personal protective equipment requirements.

Exposure Guidelines:

COMPONENT	OSHA PEL	ACGIH TLV	NIOSH REL
No components listed			

Engineering Controls: Provide general or local exhaust ventilation systems to maintain airborne

concentrations below OSHA PELs or other specified exposure limits. Local exhaust

ventilation is preferred.

Respiratory Protection: In areas of poor ventilation, use a NIOSH approved respirator with

cartridges/canisters approved for pesticides.

Eye Protection: Chemical goggles or safety glasses and full-face shield.

Protective Gloves: Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile,

neoprene rubber, polyvinyl chloride (PVC) or Viton.

Other Protective Clothing: Long-sleeved shirt, long pants and chemical resistant footwear plus socks.

General Safety Measures: Wash hands before eating, drinking, chewing gum, using tobacco, or using

the toilet. Remove clothing immediately after handling this product. Wash outside of gloves before removing. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately

from other laundry.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear amber liquid **Upper/Lower Flammability Limits:** Not determined Odor: Not determined **Vapor Pressure:** Not determined **Odor Threshold:** Not determined Not determined **Vapor Density:** 4.0 - 5.0pH (1% dispersion): Relative Density (@24°C): Not determined **Melting /Freezing Point:** Not determined Solubility (water): Soluble **Boiling Point/Range:** Not determined **Partition Coefficient:** Not determined Flash Point: Not determined **Auto-ignition Temperature:** Not determined **Evaporation Rate:** Not determined **Decomposition Temperature:** Not determined Flammability: Not applicable **Viscosity:** Not determined

SECTION 10: STABILITY AND REACTIVITY

Reactivity: None known

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: No potential for hazardous reactions known.

Conditions to Avoid: None known Incompatible Materials: None known

Hazardous Decomposition Products: Thermal decomposition may produce toxic oxides of carbon,

nitrogen and phosphorous.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eye contact, Skin contact, Inhalation, Ingestion

Symptoms of Exposure: Eye irritation
Oral LD₅₀: No data available
Dermal LD₅₀: No data available
Inhalation LC₅₀: No data available
Eye Irritation/Damage: No data available
Skin Corrosion/Irritation: No data available
Skin Sensitization: No data available

Chronic/Subchronic Toxicity: No data available
Mutagenicity: No data available
Reproductive Toxicity: No data available
Neurotoxicity: No data available
Target Organs: No data available

Aspiration Hazard: Not anticipated to be an aspiration hazard.

Carcinogenicity:

Chemical Name	ACGIH	IARC	NTP	OSHA
Glyphosate		Group 2A		

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SECTION 12: ECOLOGICAL INFORMATION

Environmental Hazards Statement from FIFRA Regulated Pesticide Label:

Not yet determined

ECOTOXICITY DATA: Data presented below is on Glyphosate acid. **Fish Toxicity:** Rainbow trout: 96 hour $LC_{50} = 8.2 \text{ mg/L}$

Bluegill: 96 hour $LC_{50} = 5.8 \text{ mg/L}$

No data available **Aquatic Invertebrate Toxicity: Aquatic Plant Toxicity:** No data available

Bobwhite quail (oral): LD₅₀ >3,800 mg/kg **Avian Toxicity:**

Honeybee Toxicity: No data available

ENVIRONMENTAL EFFECTS:

Persistence and Degradability: No data available No data available **Bioaccumulation:** Mobility: No data available **Other Adverse Effects:** No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Refer to the pesticide label for full information on disposal. Pesticide wastes are

> toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in

proper disposal methods.

Container Disposal: Refer to the pesticide label for full information on disposal. When possible, triple

rinse the container and offer for recycling if available.

RCRA Characteristics: It is the responsibility of the individual disposing of this product to determine the

RCRA classification and hazard status of the waste.

SECTION 14: TRANSPORTATION INFORMATION

DOT

Not regulated (Ground):

IMDG

Not determined

(Sea):

IATA (Air):

Not determined

SECTION 15: REGULATORY INFORMATION

Labeling Requirements Under FIFRA: This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

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Not yet determined

TSCA Inventory: This product is exempt from TSCA inventory listing requirements as it is solely for FIFRA

regulated use.

SARA Title III Information:

Section 302 – Extremely hazardous substances: None

Section 311/312 – Hazard Categories: Immediate (Acute)

Section 313 – This product contains a chemical or chemicals which are subject to the reporting

requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS Number	Weight %
None listed		

CERCLA – This product contains the following chemicals which have a reportable quantity (RQ) under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Chemical Name	CAS Number	RQ	Quantity of Finished Product
None listed			

CALIFORNIA PROPOSITION 65:

Chemical Name	CAS Number	Prop 65 Category(ies)
None listed		

U.S. STATE RIGHT-TO-KNOW REGULATIONS:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
None listed			

SECTION 16: OTHER INFORMATION

Disclaimer: Control Solutions, Inc. believes the information presented herein is accurate and correct as of the document date. The presented information is based upon available data from reliable sources. Control Solutions, Inc. makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.

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Document Superseded: N/A – New document

Revision Note: