



# Safety Data Sheet

Preparation Date 21-May-2015

Revision date 08-Jun-2020

Revision Number: 2

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Identification of the product

**Product Description** Ricebeaux

### Other means of identification

**Product code** RC-30-1  
**Registration number(s)** 70506-369

### Recommended use of the chemical and restrictions on use

**Recommended use** Post-emergence control of Broadleaf and Grass weeds in Rice Fields.  
**Uses advised against** Activities contrary to label recommendation

### Details of the Supplier of the Safety Data Sheet

#### Supplier Address

UPL NA Inc.  
630 Freedom Business Center  
Suite 402  
King of Prussia, PA 19406

### Emergency telephone number

**Company Phone Number** (888)835-1313  
**Emergency telephone number** (504) 439-3140  
(727) 374-5705

## 2. Hazards Identification

### Classification

#### OSHA Regulatory Status

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

Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Gases)	Category 3
Acute toxicity - Inhalation (Vapors)	Category 3
Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 2
FLAMMABLE LIQUIDS	Category 4

### Label elements

#### EMERGENCY OVERVIEW

**DANGER**

#### Hazard Statements

Harmful in contact with skin  
Toxic if inhaled  
Causes serious eye irritation  
Suspected of causing cancer  
combustible liquid

**Appearance** brown**Physical state** Liquid**Odor** characteristic**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Wear cold insulating gloves/face shield/eye protection  
 Do not get in eyes, on skin, or on clothing  
 Use only outdoors or in a well-ventilated area  
 Wash face, hands and any exposed skin thoroughly after handling

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF ON SKIN: Wash with plenty of soap and water  
 Call a POISON CENTER or doctor if you feel unwell  
 Wash contaminated clothing before reuse  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor/physician

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards Not Otherwise Classified (HNOC)****OTHER INFORMATION**

- Very toxic to aquatic life with long lasting effects
- Very toxic to aquatic life

### 3. Composition/information on Ingredients

Chemical name	CAS No	Weight-%
Propanil	709-98-8	35
Isophorone	78-59-1	1

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

### 4. First aid measures

**FIRST AID MEASURES****Eye contact**

Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin contact**

Take off contaminated clothing and wash before reuse. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Inhalation** 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.

**Ingestion** Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Do not give any liquids.

#### **Most Important Symptoms and Effects, Both Acute and Delayed**

**Most Important Symptoms and Effects** no data available.

#### **Indication of Any Immediate Medical Attention and Special Treatment Needed**

**Notes to physician** Treat symptomatically.

### **5. Fire-fighting measures**

#### **Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** no data available.

#### **Specific hazards arising from the chemical**

No information available.

#### **Explosion data**

#### **Protective equipment and precautions for firefighters**

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

### **6. Accidental release measures**

#### **Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Avoid contact with skin and eyes. Provide adequate ventilation. Wear protective gloves/protective clothing and eye/face protection. Wash thoroughly after handling.

#### **Environmental Precautions**

**Environmental precautions** Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

#### **Methods and material for containment and cleaning up**

**Methods for Clean-Up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

### **7. Handling and Storage**

#### **Precautions for safe handling**

**Handling** Wear personal protective equipment. Avoid contact with skin and eyes. Keep away from open flames, hot surfaces and sources of ignition. Provide adequate ventilation. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Keep out of reach of children.

#### **Conditions for safe storage, including any incompatibilities**

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

**incompatible materials** Strong acids. Strong bases. Strong oxidizing agents.

## 8. Exposure Controls/Personal Protection

### Exposure guidelines

Chemical name	ACGIH TLV	OSHA PEL
Isophorone	Ceiling: 5 ppm	TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> (vacated) TWA: 4 ppm (vacated) TWA: 23 mg/m <sup>3</sup>

**Engineering controls** Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

### Personal protective equipment

#### **Eye/Face Protection**

Use eye protection to avoid eye contact. Where there is potential for eye contact have eye flushing equipment available. Goggles.

#### **Skin protection**

Wear protective gloves/clothing. Long sleeved clothing. Chemical resistant footwear plus socks.

#### **Respiratory protection**

Select respirator with an organic vapor cartridge with prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with organic vapor cartridge or canister with any N,P,R, or HE filter.

### **General hygiene considerations**

Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Odor</b>	characteristic
<b>Appearance</b>	brown	<b>Flash Point</b>	83 °C / <b>Flash point (°F) VALUE</b> 181 °F
<b>pH value</b>	5.80	<b>Specific gravity</b>	1.1287

### OTHER INFORMATION

## 10. Stability and Reactivity

### Reactivity

no data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**incompatible materials**

Strong acids. Strong bases. Strong oxidizing agents.

**Hazardous decomposition products**

Thermal decomposition can lead to release of irritating gases and vapours. Hydrogen chloride. Organic acids. chloroanilines.

## 11. Toxicological Information

**Information on Likely Routes of Exposure****Product information**

RiceBeaux  
Inhalation LC50 (rat) = >4.297 mg/L (14 days)  
Oral DL50 (rat) - 2500 mg/kg  
Dermal LD50 (rat) = >2000 mg/kg

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye contact</b>	Moderately irritating to the eyes.
<b>Skin contact</b>	May be harmful if absorbed through the skin.
<b>Ingestion</b>	HARMFUL IF SWALLOWED.

**Information on Toxicological Effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.  
**Mutagenic effects** no data available.  
**Carcinogenicity** The information below indicates whether any agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Isophorone 78-59-1	A3			-

**Reproductive effects** Not Available.  
**STOT - Single Exposure** no data available.  
**STOT - Repeated Exposure** no data available.  
**Aspiration hazard** No information available.

**Numerical Measures of Toxicity - Product information**

The following values are calculated based on chapter 3.1 of the GHS document .

**LD50 Oral** 2500 mg/kg (rat)  
**LD50 Dermal** > 2000 mg/kg (rat)  
**LC50 Inhalation** Inhalation LC50 > 4.297 mg/l (rat)

## 12. Ecological Information

**ecotoxicity**

for active ingredient - Propanil  
Bluegill sunfish 96 hr LC50 = 5.4 mg/L

Rainbow trout 96 hr LC50 = 2.3 mg/L  
 Quail Oral LD50 = 196 mg/kg  
 Quail 8 day dietary LC50 = 2861 ppm  
 Mallard duck 8 day dietary LC50 = 5627 ppm  
 Daphnia magna 48 hr EC50 = 0.14 mg/L  
 Estuarine and marine organism 48-96 hr EC50 = 0.4 - 5.8 mg/L

32.2% of the mixture consists of component(s) of unknown hazards to the aquatic environment

#### **Persistence/Degradability**

no data available.

#### **Bioaccumulation/ Accumulation**

Bioaccumulative potential.

Chemical name	Log Pow
Propanil 709-98-8	3.07
Isophorone 78-59-1	1.66

#### **Other Adverse Effects**

no data available

### 13. Disposal Considerations

#### **Waste Treatment Methods**

##### **Waste Disposal Method**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If the wastes cannot be disposed of by use or 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.

##### **Contaminated packaging**

Refer to product label.

### 14. Transport Information

#### **DOT**

When shipped domestically by highway in non-bulk containers this product can be shipped as not regulated.

When shipped in bulk, by vessel, or internationally use the IMDG shipping description:

#### **TDG**

When shipped in Canada domestic highway non-bulk this product can be shipped as Not regulated as per TDG 1.45.1

#### **IATA**

<b>UN/ID no</b>	UN3082
<b>Proper shipping name</b>	Environmentally hazardous substances, liquid, n.o.s (Propanil)
<b>Hazard class</b>	9
<b>Packing group</b>	PG III
<b>Description</b>	IMDG - Marine Pollutant

#### **IMDG**

<b>UN/ID no</b>	UN3082
<b>Proper shipping name</b>	Environmentally hazardous substances, liquid, n.o.s (Propanil)
<b>Hazard class</b>	9
<b>Packing group</b>	PG III
<b>Environmental hazards</b>	IMDG - Marine Pollutant

### 15. Regulatory Information

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:

**signal word** CAUTION

**Ventilation Control** PESTICIDE APPLICATORS & WORKERS THESE WORKERS MUST REFER TO PRODUCT LABELING AND DIRECTIONS FOR USE IN ACCORDANCE WITH EPA WORKER PROTECTION STANDARD 40 CFR PART 170.

**Keep out of Reach of Children. Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Toxic to fish and aquatic invertebrates.**

#### International Inventories

<b>USINV</b>	Not present
<b>DSL/NDSL</b>	Not present
<b>EINECS/ ELINCS</b>	Not Present
<b>ENCS</b>	Not Present
<b>China</b>	Not Present
<b>KECL</b>	Not Present
<b>PICCS</b>	Not Present
<b>AICS</b>	Not Present
<b>TSCA</b>	Not Present

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

#### Federal Regulations

##### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Isophorone 78-59-1		X	X	

##### **CERCLA**

Not applicable

Chemical name	RQ	CERCLA EHS RQs	RQ
Isophorone 78-59-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

##### **CERCLA**

Component	RQ
Isophorone 78-59-1 ( 1 )	5000 lb

##### **RCRA**

**Pesticide Information**

Component	FIFRA - Restricted Use	FIFRA - Pesticide Product Other Ingredients	FIFRA - Listing of Pesticide Chemicals	California Pesticides - Restricted Materials
Propanil 709-98-8 ( 35 )			X	Present
Isophorone 78-59-1 ( 1 )			X	

**State Regulations****State Right-to-Know**

Chemical name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Propanil - 709-98-8		X			
Isophorone - 78-59-1	X	X	X	X	

**International regulations****U.S. EPA Label information**

EPA Pesticide registration number 70506-369

**16. Other Information**

**NFPA** HEALTH 1 flammability 1 Instability 0 Physical hazard -

Preparation Date 21-May-2015

Revision date 08-Jun-2020

**Revision Summary**

Update registration number Update logo

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**End of SDS**