

# SAFETY DATA SHEET

Issue Date 05-Aug-2016 Revision Date 28-Apr-2020 Version 1

# 1. IDENTIFICATION

Product identifier

Product Name Sharda Imazethapyr 2

Other means of identification

Product Code 83529-50 Synonyms Praxis; Caprice Registration Number(s) 83529-50

Recommended use of the chemical and restrictions on use

Recommended Use Herbicide

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address Sharda USA LLC

P.O. Box 640 Hockessin, DE 19707

Website: www.shardausa.com

Emergency telephone number

Company Phone Number 610-350-6930 (US)

+91 22 5678 2800 (India)

Emergency Telephone CHEMTREC: 800-424-9300

CHEMTREC: 703-527-3887

POISON CONTROL CENTER: 800-222-1222

# 2. HAZARDS IDENTIFICATION

### Classification

### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

# Label elements

#### **Emergency Overview**

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance aqueous solution Physical state liquid Odor Characteristic

# Hazards not otherwise classified (HNOC)

Not applicable

#### Other Information

May be harmful if swallowed. May be harmful in contact with skin.

# **Unknown acute toxicity**

0% of the mixture consists of ingredient(s) of unknown toxicity

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# 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Not applicable

#### <u>Mixture</u>

| Chemical Name              | CAS No      | Weight-% |
|----------------------------|-------------|----------|
| Other ingredients *        | Proprietary | 30 - 60  |
| Glycerin *                 | 56-81-5     | 10 - 30  |
| Imazethapyr, ammonium salt | 101917-66-2 | 22.87    |

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret. If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

# 4. FIRST AID MEASURES

#### **Description of first aid measures**

General advice Call a poison control center or doctor for treatment advice. Have the product containers or

label with you when calling a poison control center or doctor, or going for treatment.

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control

center or doctor for treatment advice.

**Skin contact**Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call

a physician. Call a poison control center or doctor for treatment advice.

**Inhalation** Move victim to fresh air. If breathing is irregular or stopped, administer artificial respiration.

Call a physician or poison control center immediately. Call a poison control center or

doctor for treatment advice.

Ingestion Call a physician or poison control center immediately. Drink 1 or 2 glasses of water. Do not

induce vomiting without medical advice. Never give anything by mouth to an unconscious

person.

**Self-protection of the first aider** Ensure that medical personnel are aware of the material(s) involved and take precautions

to protect themselves.

# Most important symptoms and effects, both acute and delayed

Symptoms None known.

#### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

# 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Dry chemical, CO2, water spray or regular foam. Move containers from fire area if you can do it without risk. Dike fire-control water for later disposal. Water spray, fog or regular foam.

Unsuitable extinguishing media None.

### Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous combustion products Carbon oxides. Nitrogen oxides (NOx).

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**Explosion data** 

Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

# 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. Cool containers / tanks with water spray.

### 6. ACCIDENTAL RELEASE MEASURES

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

Personal precautions Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined

areas. Use personal protective equipment as required. Keep people away from and upwind

of spill/leak.

Environmental precautions

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Cover liquid spill with sand, earth or other non-combustible absorbent material. Sweep up

and shovel into suitable containers for disposal.

# 7. HANDLING AND STORAGE

#### Precautions for safe handling

Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of

children. Keep away from food, drink and animal feeding stuffs. Keep in properly labeled

containers.

Packaging materials Do not reuse container.

**Incompatible materials** Strong oxidizing agents.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL   | NIOSH IDLH |
|---------------|-----------|--|------------|
| Glycerin      | =         | TWA: 15 mg/m <sup>3</sup> mist, total particulate  | =          |
| 56-81-5       |           | TWA: 5 mg/m <sup>3</sup> mist, respirable fraction |            |

#### **Appropriate engineering controls**

**Engineering Controls** Ensure adequate ventilation, especially in confined areas. And. Showers. Eyewash

stations. Ventilation systems.

### Individual protection measures, such as personal protective equipment

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**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear suitable protective clothing. Wear protective butyl rubber gloves. Protective shoes or

boots.

**Respiratory protection** Ensure adequate ventilation, especially in confined areas. 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. Respiratory protection must be provided in accordance with current local

regulations.

**General Hygiene Considerations** When using do not eat, drink or smoke. Regular cleaning of equipment, work area and

clothing is recommended. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Keep away from food, drink and animal feeding stuffs. Wash contaminated

clothing before reuse.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

# Information on basic physical and chemical properties

Physical state liquid

Appearanceaqueous solutionOdorCharacteristic

ColorOdor thresholdNo information available

<u>Property</u> <u>Values</u> <u>Remarks</u> • <u>Method</u>

**pH** 7.0 solution (1 %)

Melting point / freezing point No information available

**Boiling point / boiling range**No information available
> 100 °C / > 212 °F
Seta Closed Cup

Evaporation rate

No information available

No information available

Flammability Limit in Air
Upper flammability limit:
Lower flammability limit:
No information available
No information available

Vapor pressure ~17 mmHg @ 20 °C

Vapor density

No information available

1.11

Water solubility dispersible

Solubility in other solvents
Partition coefficient
Autoignition temperature
Decomposition temperature
Kinematic viscosity
Dynamic viscosity
No information available

Explosive properties Not an explosive Oxidizing properties Not applicable

# **Other Information**

Softening point
Molecular weight
VOC Content (%)
Density
Bulk density
No information available
No information available
No information available
No information available

# 10. STABILITY AND REACTIVITY

Reactivity

No data available

**Chemical stability** 

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

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#### Conditions to avoid

Elevated Temperature. Storage near to reactive materials.

# **Incompatible materials**

Strong oxidizing agents.

### **Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Nitrogen oxides (NOx). Carbon oxides.

### 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

**Product Information** Acute Oral LD50 (rat): >2000 mg/kg

Acute Dermal LD50 (rabbit): > 2000 mg/kg Eye Irritation (rabbit): Not an irritant. Skin Irritation (rabbit): Not an irritant. Inhalation LC50 (rat): >3.98 mg/L (4 HR) Skin Sensitization (guinea pig): Not a sensitizer

**Inhalation** Based on available data, the classification criteria are not met.

Eye contact Based on available data, the classification criteria are not met.

**Skin contact** Based on available data, the classification criteria are not met.

**Ingestion** Based on available data, the classification criteria are not met.

| Chemical Name       | Oral LD50           | Dermal LD50        | Inhalation LC50                   |
|---------------------|---------------------|--------------------|-----------------------------------|
| Other ingredients   | > 90 mL/kg (Rat)    | -                  | -                                 |
| Glycerin<br>56-81-5 | = 12600 mg/kg (Rat) | > 10 g/kg (Rabbit) | > 570 mg/m <sup>3</sup> (Rat) 1 h |

# Information on toxicological effects

**Symptoms** No information available.

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

Sensitization

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

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# Numerical measures of toxicity - Product Information

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

 ATEmix (oral)
 >2000.00
 mg/kg

 ATEmix (dermal)
 >2000.00
 mg/kg

# 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

None known

0 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name | Algae/aquatic plants | Fish                                 | Crustacea                 |
|---------------|----------------------|--------------------------------------|---------------------------|
| Glycerin      | -                    | 51 - 57: 96 h Oncorhynchus mykiss mL | L 500: 24 h Daphnia magna |
| 56-81-5       |                      | LC50 static                          | mg/L EC50                 |

#### Persistence and degradability

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Not readily biodegradable.

#### **Bioaccumulation**

Not likely to bioaccumulate.

| Chemical Name | Partition coefficient |
|---------------|-----------------------|
| Glycerin      | -1.76                 |
| 56-81-5       |                       |

### Other adverse effects

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT)

### 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Pesticide wastes may be acutely hazardous. Improper disposal is a violation of federal

law. Disposal should be in accordance with applicable regional, national and local laws and regulations. Contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance on

proper disposal of waste product.

Contaminated packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations. Consult product label for additional information. Do not reuse container.

### 14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

Not regulated IATA

IMDG Not regulated

# 15. REGULATORY INFORMATION

<u>International Inventories</u>

**TSCA** Complies **DSL/NDSL** Complies **EINECS/ELINCS** Complies **IECSC** Complies **KECL** Complies **PICCS** Complies Complies AICS

# Legend:

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 Chemical Substances/European 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

### US 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

# SARA 311/312 Hazard Categories

Acute health hazard No **Chronic Health Hazard** No

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Fire hazard No Sudden release of pressure hazard No Reactive Hazard No

# **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### **US State Regulations**

### **California Proposition 65**

This product does not contain any Proposition 65 chemicals

#### U.S. State Right-to-Know Regulations

| Chemical Name       | New Jersey | Massachusetts | Pennsylvania |
|---------------------|------------|---------------|--------------|
| Other ingredients   | -          | -             | Х            |
| Glycerin<br>56-81-5 | X          | X             | Х            |

### **U.S. EPA Label Information**

**EPA Pesticide Registration Number** 83529-50

#### **EPA Statement**

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:

# Difference between SDS and EPA Pesticide label

CAUTION: Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing.

### 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPAHealth hazards0Flammability0Instability0Physical and Chemical Properties -HMISHealth hazards0Flammability0Physical hazards0Personal protectionX

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 28-Apr-2020

**Revision Note** 

No information available

#### **Disclaimer**

The information provided in this Material Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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.

**End of Safety Data Sheet** 

28Apr2020