

**Safety Data Sheet**

# AMBRANDS

## Section 1: Identification

### Product identifier

- Product Name** • **Image Herbicide Consumer Concentrate Kills Nutsedge Concentrate**
- Synonyms** • 100099405; 100099407; 100099429; 100099430; EPA Reg. No.: 73342-4
- Product Description** • Light yellow - amber brown liquid.
- Relevant identified uses of the substance or mixture and uses advised against**
- Recommended use** • Herbicide.
- Restrictions on use** • Keep out of reach of children. Avoid contact with eyes and skin.

### Details of the supplier of the safety data sheet

- Manufacturer** • Ambrands  
1000 Parkwood Circle, Suite 700  
Atlanta, GA 30339  
United States
- www.imageforweeds.com

### Emergency telephone number

- Manufacturer** • 1-800-265-0761
- Manufacturer** • 1-800-424-9300 - CHEMTREC
- Manufacturer (Transportation)** • 1-703-527-3887 - Chemtrec US collect calls accepted

## Section 2: Hazard Identification

### United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

### Classification of the substance or mixture

- OSHA HCS 2012** • Not classified; does not meet hazard criteria.

### Label elements

- OSHA HCS 2012**
- Hazard statements** • No label element(s) required

### Other hazards

- OSHA HCS 2012** • This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

## Section 3 - Composition/Information on Ingredients

### Substances

- Material does not meet the criteria of a substance.

### Mixtures

Composition		
Chemical Name	Identifiers	%
Ammonium salt of imazaquin	CAS:81335-37-7	3.3%
Other ingredients	NDA	Balance

## Section 4: First-Aid Measures

### Description of first aid measures

#### Inhalation

- IF INHALED: Move person to fresh air. If person is not breathing, call 911 or get medical help then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or seek medical advice.

#### Skin

- IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

#### Eye

- IF IN EYES: Hold eye open and rinse gently with water for 15-20 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.

#### Ingestion

- IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. 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 and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

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

#### Notes to Physician

- Treat symptomatically and supportively.

## Section 5: Fire-Fighting Measures

### Extinguishing media

**Suitable Extinguishing Media** • Use water spray, alcohol resistant foam, carbon dioxide, or dry chemical.

**Unsuitable Extinguishing Media** • Avoid heavy hose streams.

**Firefighting Procedures** • Move containers from fire area if you can do it without risk. Use extinguishing agent suitable for type of surrounding fire. Do not allow fire fighting water to escape into waterways or sewers.

## Special hazards arising from the substance or mixture

**Unusual Fire and Explosion Hazards** • No data available.

**Hazardous Combustion Products** • No data available.

### Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).

## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** • Use appropriate Personal Protective Equipment (PPE). Avoid contact with skin, eyes, and clothing. Ventilate the area.

**Emergency Procedures** • Do not allow runoff into water, storm drains or drainage ditches.

### Environmental precautions

- Contain and prevent from release into any waterway, sewer or drain.

### Methods and material for containment and cleaning up

**Containment/Clean-up Measures** • Absorb spills with an inert material, clay granules or other inert absorbent material and put in container for disposal.

## Section 7 - Handling and Storage

### Precautions for safe handling

**Handling** • Avoid contact with skin or eyes. Avoid breathing fumes. Do not use in areas without adequate ventilation. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

### Conditions for safe storage, including any incompatibilities

**Storage** • Store in a cool/low-temperature, well-ventilated, dry place. Keep container tightly closed. Keep from freezing. Store away from incompatible materials. Do not store at a temperature below 32°F.

**Incompatible Materials or Ignition Sources** • Do not store near strong acids strong bases, oxidizers, hazardous or toxic substances.

### Other Information

- See product label for additional information.

## Section 8 - Exposure Controls/Personal Protection

### Control parameters

### Exposure controls

**Engineering Measures/Controls** • Use adequate ventilation to remove vapors (fumes, dust etc)

**Personal Protective Equipment**

**Pictograms****Respiratory**

- Not required with normal use.

**Eye/Face**

- Wear chemical splash safety goggles.

**Hands**

- Wear chemical resistant gloves.

**Skin/Body**

- Long sleeve shirt, long pants, shoes, and socks should be worn.

**General Industrial Hygiene Considerations**

- Do not get in eyes or on skin or clothing. Handle in accordance with good industrial hygiene and safety practice.

**Environmental Exposure Controls**

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

**Section 9 - Physical and Chemical Properties****Information on Physical and Chemical Properties**

<b>Material Description</b>			
Physical Form	Liquid	Appearance/Description	Light yellow - amber brown liquid.
Color	Light yellow - amber brown.	Odor	Slight
Odor Threshold	No data available		
<b>General Properties</b>			
Boiling Point	212 °F(100 °C)	Melting Point/Freezing Point	32 °F(0 °C)
Decomposition Temperature	No data available	Heat of Decomposition	No data available
pH	6.5 to 7.5	Specific Gravity/Relative Density	1.017 to 1.019 @ 25 °C(77 °F) Water=1
Density	No data available	Water Solubility	Soluble
Viscosity	Non-viscous		
<b>Volatility</b>			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available	VOC (Vol.)	0 %
<b>Flammability</b>			
Flash Point	> 215 °F(> 101.6667 °C)	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
<b>Environmental</b>			
Octanol/Water Partition coefficient	No data available		

**Section 10: Stability and Reactivity****Reactivity**

- Non-reactive under normal handling and storage conditions.

**Chemical stability**

- Stable under normal temperatures and pressures.

**Possibility of hazardous reactions**

- Hazardous polymerization will not occur.

## Conditions to avoid

- Do not allow product to freeze.

## Incompatible materials

- No data available.

## Hazardous decomposition products

- Carbon and nitrogen oxides.

## Section 11 - Toxicological Information

### Information on toxicological effects

Components		
Ammonium salt of imazaquin (3.3%)	81335-37-7	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • 4073 mg/kg; Inhalation-Rat LC50 • 5.7 mg/L; Skin-Rat LD50 • >2000 mg/kg

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Classification criteria not met
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met

## Potential Health Effects

### Inhalation

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • No data available.

### Skin

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • No data available.

### Eye

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • No data available.

### Ingestion

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • No data available.

- Carcinogenic Effects**
- No component of this product present at 0.1% or greater is listed by IARC, OSHA or NTP.

## Section 12 - Ecological Information

### Toxicity

- No data available

### Persistence and degradability

- No data available

### Bioaccumulative potential

- No data available

### Mobility in Soil

- No data available

### Other adverse effects

### Other Information

- No data available.

## Section 13 - Disposal Considerations

### Waste treatment methods

- Product waste**
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
- Packaging waste**
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. See product label for disposal instructions.

## Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
IMO/IMDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
IATA/ICAO	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable

- Special precautions for user**
- None specified.

- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
- No data available

### Other information

IMO/IMDG • No data available

IATA/ICAO • No data available

## Section 15 - Regulatory Information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

- SARA Hazard Classifications**
- None

## FIFRA – Pesticide Labeling

This chemical is a pesticide product registered by the United States 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 (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

### CAUTION

**Precautionary Statements** • KEEP OUT OF THE REACH OF CHILDREN.

**Hazards to Humans and Domestic Animals** •

Harmful if inhaled or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children and pets out of the treated area until sprays have dried.

### First Aid

- 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 treatment advice. If on skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

### Environmental Hazards

- To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street back onto the treated area of the lawn or garden will help to prevent runoff to water bodies or drainage systems.

## Section 16 - Other Information

<b>Revision Date</b>	• 11/January/2016
<b>Last Revision Date</b>	• 11/January/2016
<b>Preparation Date</b>	• 11/January/2016
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