



# SAFETY DATA SHEET

## 1. Product Identification:

### Product Name: IMIDA-TEB GARDEN SC

**Manufacturer:** Repar Corporation  
**Telephone:** 202-223-1424  
**Address:** P.O. Box 4321  
**City, State, Zip:** Silver Spring, MD 20914  
**Emergency Phone:** 202-223-1424 (Monday-Friday, 10:00 a.m. – 6:00 p.m.)  
**24 Hour Emergency Phone (CHEMTREC):** 1-800-424-9300  
**U.S. EPA Registration No.:** 69361- 19  
**Product Use:** Insecticide/Fungicide

## 2. Health Hazard(s) Identification:

(As defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200)

Tan liquid

**HEALTH HAZARDS:** CAUTION! Moderate eye irritant.  
**PHYSICAL HAZARDS:** None known  
**ENVIRONMENTAL HAZARDS:** Highly toxic to aquatic invertebrates.



## 3. Composition/Ingredient Information:

### Chemical Names:

Active Ingredients:	CAS Number	Percentage by Weight
$\alpha$ -[2-(4-chlorophenyl)ethyl]- $\alpha$ -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol	107534-96-3	0.80%
N-{1-[(6-Chloro-3-pyridyl)methyl]-4,5-dihydroimidazol-2-yl}nitramide	138261-41-3	0.15%

### Common Name for Mixture of Active Ingredients:

Tebuconazole	107534-96-3	0.80%
Imidacloprid	138261-41-3	0.15%

### Other Ingredients:

Inert Ingredients	NA	99.5%
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\*Inert ingredient identity is confidential business information

## 4. First Aid Measures:

### 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 the eye.
- Call a poison control center or doctor for treatment advice.

When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office bring this label to show medical personnel. For Medical Emergency Assistance, call the National Pesticide Information Center 1-800-858-7378.

NOTE TO PHYSICIAN: No specific antidote, treat symptomatically

## 5. Fire Fighting Measures:

**EXTINGUISHING MEDIA:** Use dry chemical or foam

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:** None

**SPECIAL PROTECTIVE ACTIONS FOR FIRE FIGHTERS:** Keep out of smoke, if necessary wear self-contained breathing apparatus.

## 6. Accidental Release Measures:

### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

**PERSONAL PRECAUTIONS:** Follow protective measures indicated in Section 8: Exposure Control/Personal Protection for both emergency and non-emergency personnel.

**ENVIRONMENTAL PRECAUTIONS:** Do not allow material to enter streams, sewers, or other water ways or contact vegetation.

**METHODS FOR CLEANING UP:** Absorb with vermiculite or other inert absorbent. Collect and contain contaminated absorbent and dike material for disposal.

## 7. Handling and Storage:

### HANDLING AND STORAGE PRECAUTIONS:

**HANDLING:** Handle with care to avoid accidental release into environment or waterways. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

**STORAGE:** Store in original container in a cool place, out of the reach of children, preferably a locked storage cabinet. Protect from freezing.

## 8. Exposure Control/Personal Protection:

**EXPOSURE GUIDELINES:** Occupational exposure limit (OEL) and biological limit values (BLV) for Tebuconazole – CAS No.: 107534-96-3 and Imidacloprid – CAS No.: 138261-41-3 not established, control banding approach not available.

**APPROPRIATE ENGINEERING CONTROLS:** Use sufficient ventilation to avoid buildup of vapors.

**WORK/HYGIENE PRACTICES:** Emergency shower and eyewash facilities should be in close proximity (ANSI Z358.1). Launder contaminated clothing and wash hands and face after use. Discard clothing or 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/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

The following personal protective equipment should be used in conjunction with exposure control measures:

**EYE/FACE PROTECTION:** Chemical safety glasses with side shields or splash proof goggles

**SKIN PROTECTION:** Wear long-sleeved shirt, long pants, shoes and socks

**RESPIRATORY PROTECTION:** None

**HAND PROTECTION:** Chemical resistant gloves made of waterproof material

## 9. Physical & Chemical Properties:

<b>APPEARANCE:</b>	Tan liquid
<b>ODOR:</b>	None
<b>ODOR THRESHOLD:</b>	NA
<b>pH:</b>	7.0-8.0
<b>MELTING POINT:</b>	NA
<b>BOILING POINT:</b>	NA
<b>FLASH POINT:</b>	NA
<b>EVAPORATION RATE:</b>	ND
<b>FLAMMABILITY (solid, gas):</b>	Not Flammable
<b>LOWER FLAMMABILITY LIMIT:</b>	ND
<b>UPPER FLAMMABILITY LIMIT:</b>	ND
<b>VAPOR PRESSURE:</b>	NA
<b>VAPOR DENSITY:</b>	ND
<b>DENSITY:</b>	1.31g/cm <sup>3</sup> at 77°F (25°C)
<b>SOLUBILITY:</b>	Readily soluble in water
<b>PARTITION COEFFICIENT (n-octanol/water):</b>	NA
<b>AUTO-IGNITION TEMPERATURE:</b>	ND
<b>DECOMPOSITION TEMPERATURE:</b>	ND
<b>VISCOSITY (Brookfield LVF, Spindle #3, 25°C):</b>	6 RPM 5600 12 RPM 3700 30 RPM 2280 60 RPM 1640

## 10. Stability & Reactivity:

**REACTIVITY:** ND

**STABILITY:** Stable under normal storage conditions

**HAZARDOUS REACTIONS:** ND

**CONDITIONS TO AVOID:** Avoid cold conditions to avoid freezing, keep in dry place

**INCOMPATIBLE MATERIALS:** ND

**HAZARDOUS DECOMPOSITION PRODUCTS:** ND

## 11. Toxicological Information:

### Toxicological Data for Imida-Teb Garden SC:

(Information provided below is from a similar formulation containing higher percentage of active ingredient, tebuconazole and the same percentage of active ingredient, imidacloprid.)

Oral LD <sub>50</sub> (rat):	> 5,000 mg/kg bw
Dermal LD <sub>50</sub> (rat):	> 5,000 mg/kg bw
Inhalation LC <sub>50</sub> (rat):	> 2.76 mg/L
Skin irritation (rabbit):	Mild irritant
Skin sensitization (guinea pig):	Non sensitizing
Eye irritation (rabbit):	Moderate irritation
Specific target organ toxicity (STOT):	
STOT-single exposure:	ND
STOT-repeated exposure:	ND
Aspiration hazard:	ND

#### ROUTES OF EXPOSURE:

EYE CONTACT: Eye irritation is slight or negligible

ADVERSE EFFECTS AND SYMPTOMS: ND

DELAYED OR IMMEDIATE EFFECTS FROM SHORT OR LONG TERM EXPOSURE: ND

NUMERICAL MEASURES OF TOXICITY: ND

INTERACTIVE EFFECTS: ND

### Toxicological Data for Tebuconazole Technical:

Mutagenicity:	Not mutagenic
Carcinogenicity:	Not carcinogenic
Reproductive Toxicity:	Not primary reproductive toxicant

### Toxicological Data for Imidacloprid Technical:

Mutagenicity:	Not mutagenic
Carcinogenicity:	Not carcinogenic
Reproductive Toxicity:	Not primary reproductive toxicant

## 12. Ecological Information:

### Ecological Data for Imida-Teb Garden SC:

This product is highly toxic to aquatic invertebrates.

LC <sub>50</sub>	Trout	ND
LC <sub>50</sub>	Goldfish	ND
LD <sub>50</sub>	Bobwhite quail	ND

PERSISTENCE AND DEGRADABILITY: ND

BIOACCUMULATIVE POTENTIAL: ND – Not required (required for technical)

MOBILITY IN SOIL: ND – Not required (required for technical)

## 13. Disposal Considerations:

Do not contaminate water, food, or feed by disposal.

**PESTICIDE DISPOSAL:** It is best to use all of the product in accordance with label directions. If it is necessary to dispose unused product, please call your local solid waste agency. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Never place unused product down any indoor or outdoor drain.

**CONTAINER DISPOSAL:** Do not refill or reuse this container. Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. Offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

## 14. Transport Information:

**SHIPPING DESCRIPTION:** Not regulated by USDOT  
(Ground transport)

DOT HAZARD CLASS:	N/A
IDENTIFICATION NUMBER:	N/A
DOT PACKING GROUP:	N/A

## 15. Regulatory Information:

This chemical is a pesticide product registered with the U.S. 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:

#### CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing.

## 16. Other Information:

HMIS HAZARD RATING	HEALTH	0
	FLAMMABILITY	1
	PHYSICAL HAZARD	0
	4=Severe 3=Serious 2=Moderate 1=Slight 0=Minimal	

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This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA APPROVED PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course. Use, storage and disposal of pesticide products are regulated by the EPA under the authority of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) through the product labeling, and all necessary and appropriate precautionary, use, storage, and disposal information is set forth on that labeling.

It is a violation of federal law to use a pesticide product in any manner not prescribed on the EPA-approved label.

**REVISED DATE:** August 22, 2015

**REFERENCE:** Revised for GHS compliance