

Safety Data Sheet



Section 1: Identification

Product identifier

Product Name • **Adonis 75 Termite/Insect WSP Concentrate**

Synonyms • 100208955; 530009; EPA Reg. No.: 89459-52

Product Description • Light brown powder.

Relevant identified uses of the substance or mixture and uses advised against

Recommended use • Insecticide.

Restrictions on use • Avoid contact with eyes, skin or clothing. Keep out of the reach of children and domestic animals. Do not take internally.

Details of the supplier of the safety data sheet

Manufacturer • Central Garden & Pet Company
1501 E. Woodfield Road, Suite 200W
Schaumburg, IL 60173
United States

Emergency telephone number

Manufacturer • 1-800-424-9300 - CHEMTREC

Manufacturer (Transportation) • 1-703-527-3887 - Chemtrec - Outside US collect calls accepted

Manufacturer • 1-800-248-7763

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012 • Acute Toxicity Oral 4
Eye Irritation 2A
Skin Sensitization 1

Label elements

OSHA HCS 2012

WARNING



Hazard statements • Harmful if swallowed

May cause an allergic skin reaction
Causes serious eye irritation

Precautionary statements

- Prevention** • Do not eat, drink or smoke when using this product.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Avoid breathing dust, fume, gas, mist, vapors and/or spray.
Contaminated work clothing should not be allowed out of the workplace.
- Response** • IF IN EYES: Rinse cautiously 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 SWALLOWED: Call poison control center or doctor if you feel unwell.
Rinse mouth.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Specific treatment, see supplemental first aid information.
Wash contaminated clothing before reuse.

Storage/Disposal • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

See Section 12 for Ecological Information.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition		
Chemical Name	Identifiers	%
Imidacloprid	CAS:138261-41-3	75%
Sodium diisopropylnaphthalenesulphonate	CAS:1322-93-6	9%
Sodium lauryl sulfate	CAS:151-21-3	0.93%
Other ingredients	NDA	15.07%

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or doctor for further treatment 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. Remove and isolate contaminated clothing.

Eye

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

- IF SWALLOWED: call a poison center or doctor if you feel unwell. Rinse mouth. Have person drink pint of lukewarm water if able to swallow. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

- Causes eye irritation. Harmful if swallowed. May cause an allergic skin reaction in individuals with a sensitivity to sodium lauryl sulfate. 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, foam, carbon dioxide, or dry chemical.

Unsuitable Extinguishing Media

- No data available.

Firefighting Procedures

- Keep unauthorized personnel away.
LARGE FIRES: Dike fire control water for later disposal; do not scatter the material. Stay upwind.
Ventilate closed spaces before entering.

Special hazards arising from the substance or mixture**Unusual Fire and Explosion Hazards**

- None known.

Hazardous Combustion Products

- Non-combustible, substance itself does not burn but may decompose upon heating to produce toxic fumes which may include hydrogen cyanide, hydrogen chloride, carbon monoxide, nitrogen oxides.

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**

- Avoid contact with skin, eyes, and clothing. Avoid dust formation and breathing dust. Remove clothing and wash thoroughly after use. Use appropriate Personal Protective Equipment (PPE).

Emergency Procedures

- Use normal clean up procedures.

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**

- LARGE SPILLS: Dike far ahead of spill for later disposal.
SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.

Section 7 - Handling and Storage

Precautions for safe handling**Handling**

- Wash hands thoroughly with soap and water after handling. Read label before use. Avoid breathing dust. Avoid contact with skin or eyes.

Conditions for safe storage, including any incompatibilities

- Storage**
- Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area. Do not store below freezing (32°F). Exposure to moisture or excessive handling of water soluble packets may cause breakage. Store water soluble packets in original container and out of reach of children, preferably in a locked storage area.

Section 8 - Exposure Controls/Personal Protection

Control parameters

- Exposure Limits/Guidelines**
- No data available.

Exposure controls

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

Personal Protective Equipment

Pictograms



Respiratory

- If prolonged exposure is anticipated, it is recommended for handlers to wear an approved MSHA/NIOSH dust mask N-95.

Eye/Face

- Wear safety glasses.

Hands

- Wear appropriate gloves.

Skin/Body

- If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact.

General Industrial Hygiene Considerations

- Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

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

Material Description			
Physical Form	Solid	Appearance/Description	Light brown powder.
Color	Light brown.	Odor	None
Odor Threshold	No data available		
General Properties			
Boiling Point	No data available	Melting Point/Freezing Point	No data available
Decomposition Temperature	No data available	pH	6.5 to 7.5 1% suspension
Specific Gravity/Relative Density	0.424 g/ml	Bulk Density	26.5 lb(s)/ft ³
Water Solubility	No data available	Viscosity	Not relevant
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	Not relevant	UEL	No data available

LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	Not Flammable.		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- No dangerous reaction known under conditions of normal use.

Chemical stability

- Stable

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Extreme temperatures. Extreme heat, high humidity or moisture.

Incompatible materials

- Strong oxidizing agents.

Hazardous decomposition products

- Non-combustible, substance itself does not burn but may decompose upon heating to produce toxic fumes which may include hydrogen cyanide, hydrogen chloride, carbon monoxide, nitrogen oxides.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
Imidacloprid (75%)	138261-41-3	Acute Toxicity: Ingestion/Oral-Rat LD50 • >450 mg/kg; Inhalation-Rat • >5 mg/L; Skin-Rat LD50 • >5000 mg/kg

GHS Properties	Classification
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Eye Irritation 2A
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral 4
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Skin sensitization	OSHA HCS 2012 • Skin Sensitizer 1
STOT-RE	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Not classified - data lacking

Route(s) of entry/exposure • Inhalation, Ingestion, Eyes, and Skin

Potential Health Effects**Inhalation**

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

Skin

- Acute (Immediate)** • May cause an allergic reaction in individuals with a sensitivity to sodium lauryl sulfate. May cause mild irritation.
- Chronic (Delayed)** • No data available.

Eye

- Acute (Immediate)** • Causes serious eye irritation.
- Chronic (Delayed)** • No data available.

Ingestion

- Acute (Immediate)** • Harmful if swallowed.
- Chronic (Delayed)** • No data available.

Section 12 - Ecological Information**Toxicity**

Component	CAS	Data
Imidacloprid (75%)	138261-41-3	Crustacea: 48 Hour(s) LC50 Crustacea <i>Daphnia magna</i> 85 mg/L [Acute]; Fish: 96 Hour(s) LC50 Fish <i>Rainbow Trout</i> 211 mg/L [Acute]; 96 Hour(s) LC50 Fish <i>Leuciscus idus</i> 237 mg/L [Acute]

Persistence and degradability

- No data available.

Bioaccumulative potential

- No data available.

Mobility in Soil

- No data available.

Other adverse effects

- No studies have been found.

Potential Environmental Effects

- This pesticide is highly toxic to bees and aquatic invertebrates.

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. Place in trash or offer for recycling if available.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. If empty: Nonrefillable container. Do not reuse or refill container. Offer for recycling, if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	None	Not regulated	N/A	N/A	N/A
IMO/IMDG	None	Not regulated	N/A	N/A	N/A
IATA/ICAO	None	Not regulated	N/A	N/A	N/A

Special precautions for user • None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • Not relevant.

Other information

IMO/IMDG • No data available

IATA/ICAO • No data available

Key to abbreviations

= N/A = Not applicable.

Section 15 - Regulatory Information

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

SARA Hazard Classifications • Acute

FIFRA – Pesticide Labeling

This material 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 reach of children.

Hazards to Humans and Domestic Animals • HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION Harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children and pets away from treated area until dry. When treating adjacent to an existing structure, the applicator must check the area to be treated, and immediately adjacent areas of the structure, for visible and accessible cracks and holes to prevent any leaks or significant exposures to persons occupying the structure. People present or residing in the structure during application must be advised to remove their pets and themselves from the structure if they see any signs of leakage. After application, the applicator is required to check for leaks. All leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. Do not allow people or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until the clean up is completed.

First Aid • If swallowed: • 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. If on skin or clothing: • Take off contaminated clothing. • Rinse skin immediately with plenty of soap and water for 15 to 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 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.

Environmental Hazards • This product is highly toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label. Extreme care must be taken to avoid runoff. Apply only to soil or other fill substrate that will accept the solutions at the specified rate. Do not treat soil that is water-saturated or frozen, or in any conditions where run-off or movement from the treated area (site) is likely to occur. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops, plants or weeds. Do not apply this product or allow it to drift to blooming crops, plants or weeds if bees are foraging in the treatment area. This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Inventory		
Component	CAS	TSCA
Imidacloprid	138261-41-3	No
Sodium diisopropylnaphthalenesulphonate	1322-93-6	Yes
Sodium lauryl sulfate	151-21-3	Yes

Section 16 - Other Information

Revision Summary

Revision Date	MSDS Number	Changes
24/August/2015		<ul style="list-style-type: none"> Section 1 revised: Edited Primary Name

Revision Date • 24/August/2015

Last Revision Date • 14/January/2015

Preparation Date • 14/January/2015

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