



Safety Data Sheet



SECTION 1: Identification

Product Name: Root Cleaner

Manufacturer or supplier's details:

Manufacturer: Central Coast Garden Products
1354 Dayton Street, Unit N
Salinas, CA 93901

Telephone: (831)757-4733

Emergency Telephone number: (831)757-4733 - Manufacturer

Relevant identified uses of the mixture and restrictions on use:

Recommended use: Pest control

Restrictions on use: This is an environmentally-friendly pesticide for use on plants that is safe under normal foreseeable use when used as directed. While the material is not considered hazardous (it is considered a minimum-risk pesticide which is EPA 25(b) exempt), this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and made available for employees and other users of this product. For specific intended use guidance, please refer to the information provided on the package or instruction sheet.

SECTION 2: Hazards Identification

GHS Classification:

Flammable liquids: Category 4
Skin Irritation: Category 3
Acute Toxicity: Category 5
Eye Damage/Irritation: Category 2B

Hazard Pictogram(s) (GHS-US):



Signal word (GHS-US):

Warning

Precautionary Statements:

Read label before use
Keep out of reach of children
Dispose of contents/container in accordance with local regulation

GHS Hazard Statements:

May cause eye irritation
May cause skin irritation

May be harmful if swallowed

Other hazards not otherwise classified: None known

SEC

SECTION 3: Composition/information on ingredients

Substance / **Mixture**

Name	CAS #	Concentration %
Soybean oil	8001-22-7	10.0%
Sodium lauryl sulfate	151-21-3	18.0%
Isopropyl alcohol	67-63-0	39.0%
Water	7732-18-5	28.0%
Sodium citrate	68-04-2	3.0%
Citric acid	994-36-5	2.0%

SECTION 4: FIRST AID MEASURES

Emergencies and first aid measures:

In case of inhalation: Not expected to be a problem

In case of skin contact: Rinse with water

In case of eye contact: Flush immediately with water. Remove contact lenses, if present and easy to do so. Continue rinsing. If irritation persists, contact a medical professional.

SECTION 5: FIREFIGHTING MEASURES

Non-flammable material. No risk of fire.

SECTION 6: ACCIDENTAL RELEASE

Personal precautions: Avoid contact with eyes, skin, or clothing.

Environmental precautions: Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods for cleaning up: Contain and collect spillage with absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and flush area with water.

SECTION 7: HANDLING AND STORAGE

General: Wash hands after use. Do not get in eyes, on skin or on clothing. Use good hygiene practices. Eyewash stations should be available in areas where this material is used and stored.

Precautions to be taken in handling: Avoid contact with eyes

Precautions to be taken in storage: Store in a cool/low-temperature place. Keep closed when not in use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection: No special ventilation requirements. General room ventilation is adequate.

Eye Protection: None

Skin protection: None

Exposure Limits/ Guidelines						
	Result	ACGIH	Canada Ontario	Canada Quebec	China	NIOSH
Isopropyl alcohol (67-63-0)	STELs	400 ppm STEL	400 ppm STEL	500 ppm STEV; 1230 mg/m ³ STEV	700 mg/m ³ STEL	500 ppm STEL; 1225 mg/m ³ STEL
	TWAs	200 ppm TWA	200 ppm TWA	400 ppm TWAEV; 985 mg/m ³ TWAEV	350 mg/m ³ TWA	400 ppm TWA; 980 mg/m ³ TWA
Exposure Limits/ Guidelines (Con't.)						
		Result	OSHA			
Isopropyl alcohol (67-63-0)		TWAs	400 ppm TWA; 980 mg/m ³ TWA			

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Material Description			
Physical Form	Liquid	Appearance/ Description	Teal blue liquid.
Color	Blue	Odor	Soap with slight smell of alcohol
Taste	Data lacking	Particulate type	Not relevant
Particulate Size	Not relevant	Aerosol type	Not relevant
Boiling point	212° F	Melting point	Data lacking
Decomposition Temperature	Data lacking	Heat of Decomposition	Data lacking
pH	Data lacking	Specific Gravity/ Relative Density	0.82 Water=1
Evaporation Rate	Low	Solubility (in water)	Yes

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.

Hazardous reactions: No dangerous reaction known under conditions of normal use.

Incompatible materials: Strong oxidizing agents

Conditions to avoid: None

SECTION 11: TOXICOLOGICAL INFORMATION

Component	CAS	Data
Isopropyl alcohol (1% to 8%)	67-63-0	Acute Toxicity: ora-rat LD50:5045 mg/kg; icl-rat LC50:16000 ppm/8H; skn-rbt LD50:12800 mg/kg
GHS Properties		Classification
Acute toxicity		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
Respiratory sensitization		OSHA HCS 2012 - Classification criteria not met
Serious eye damage/irritation		OSHA HCS 2012 - Classification criteria not met
Skin corrosion/irritation		OSHA HCS 2012 - Classification criteria not met
Skin sensitization		OSHA HCS 2012 - Classification criteria not met
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

SECTION 12: ECOLOGICAL INFORMATION

Keep out of sewers, drainage areas, and waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of contents and container according to federal, state, and local requirements.

SECTION 14: TRANSPORT INFORMATION

No data available

SECTION 15: REGULATORY INFORMATION

OSDHA Hazards: None

TSCA Status: On TSCA Inventory

DSL Status: All components are on the Canadian DSL list

SARA 311/312 Hazards: None

California Prop. 65: Not applicable

SECTION 16: OTHER INFORMATION

Prepared by: Central Coast Garden Products, Inc.

Revision Date: 7/15/2016

Additional information about this product: No data available

Company policy or disclaimer:

The information contained in this MSDS was compiled using the latest and most reliable information available. The information provided is provided without warranty, express or implied regarding its correctness or accuracy nor will Central Coast Garden Products assume any liability for any loss or damage arising out of the use of this information including without limitation direct or indirect losses or expenses. To the extent permitted by law, no warranty express or implied regarding the product described herein shall be created by or inferred from any statement or omission from this MSDS. It is solely the responsibility of the user to determine safe conditions for use of this product and to assume liability for any loss, damage, or expense whatsoever arising out of the product's improper use.