



Safety Data Sheet



SECTION 1: COMPANY & PRODUCT IDENTIFICATION

Product Name: Showdown Weed Killer

Manufacturer and distributor details:

Manufacturer: Sierra Natural Science, Inc
 1031 Industrial Street, Unit C
 Salinas, CA 93901
 (831)757-1702

Distributor: Central Coast Garden Products
 1354 Dayton Street, Unit N
 Salinas, CA 93901
 (831)757-4733

24-Hour Emergency Telephone number: CHEMTREC (800)424-9300


Relevant identified uses of the mixture and restrictions on use:

Product Family: Herbicide

Recommended use: Spray to control Broad leaf weeds, Grasses

Restrictions on use: This is an environmentally-friendly herbicide for use on various weeds and grasses 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: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW			
		HMIS	
GHS Classification	Xi -Irritant	HEALTH	2
Physical Hazards	Not Classified	FLAMMABILITY	0
		PHYSICAL HAZARD	0
Health Hazards	H319 Causes serious eye irritation	PERSONAL PROTECTION	See Section 8
Signal Word	Warning		

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:

Causes serious eye irritation
 May cause skin irritation
 May be harmful if swallowed

Other hazards not otherwise classified: None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance / **Mixture**

Name	CAS #	Concentration %
Sodium lauryl sulfate	151-21-3	2-4%
Citric acid	77-92-9	8-15%

SECTION 4: FIRST AID MEASURES**Emergencies and first aid measures:**

Skin Contact Remove contaminated clothing including shoes. Wash area of contact with soap and water. Wash contaminated clothing and shoes before reuse. Get medical attention if irritation occurs and persists.

Eye Contact Remove contact lenses if present. Immediately flush eyes with water until all traces of material are gone. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

Inhalation Remove affected person from source of exposure. Get medical attention if ill effects or discomfort persists.

Ingestion Do not induce vomiting because of danger of aspiration into lungs. If spontaneous vomiting occurs, monitor for breathing difficulty. Get medical attention if discomfort or ill effects occur.

SECTION 5: FIREFIGHTING MEASURES**Basic Firefighting Procedures**

Product will not burn. Use fire-fighting procedures appropriate for surrounding fire. Use a water spray to cool fire-exposed containers, structures and to protect personnel. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full-face mask and full protective equipment. Flush spills away from sources of ignition.

Unusual Fire and Explosion Hazards

Irritating or toxic substances may be emitted.

SECTION 6: ACCIDENTAL RELEASE**Refer to Section 8: Exposure Control and Personal Protection**

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

Emergency Action: Isolate release area and keep unnecessary people away. Exercise caution

regarding personnel safety and exposure.

Spill/Leak Procedure: Floor and surfaces may be slippery. Dike with sand or other non-combustible material. Flush area with water; use absorbent material and dispose of properly.

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: Wear proper protective equipment to avoid prolonged contact with skin, eyes and clothing. Avoid breathing vapors or mists. Do not ingest. Use good hygiene practices when handling product, including changing and laundering work clothes after use. Get medical attention if you feel unwell. The shipping and storage container is not designed to be pressurized. Do not use pressure to empty the container as it may rupture. Containers should be completely drained, properly closed, and disposed of properly. Empty containers may contain residue or vapors. Do not cut, grind, drill, weld or reuse containers.

Precautions to be taken in storage: Store product in closed containers in a well-ventilated area away from heat, sources of ignition and incompatibles. Do not store in unlabeled containers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use exhaust ventilation to control vapor and mist.

Eye and Face Protection: Always wear safety glasses; use face shield if splashing is possible.

Skin Protection: Oil and chemical resistant gloves should be used to avoid prolonged or repeated contact.

Respiratory protection: A NIOSH or MSHA approved respirator should be used in areas with high vapor concentrations or misting.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State	white to yellow liquid	Flash Point	Not Applicable
Specific Gravity (Water=1)	1	Upper/Lower Flammability Limits (Vol. %)	Not Applicable
pH	1-2.0	Auto-ignition Temperature	Not Applicable
Solubility in Water	Soluble	Decomposition Temperature	Not Determined
Odor	Characteristic	Vapor Pressure (kPa at 20°C / 68°F)	Not Determined
Odor Threshold	Not Determined	Vapor Density (Air=1)	Not Determined
Melting/Freezing Point	Not Determined	Partition Coefficient (n-octanol/water)	Not Determined
Boiling Range	Not Determined	Viscosity (40°C mm ² /s) or (cSt at 40°C)	Not Determined
Initial Boiling Point	212 °F	Critical Temperature	Not Determined

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Those should be requested separately.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Does not react under normal conditions of use.

Chemical Stability: Stable under normal conditions of use.

Stability/Incompatibility: Avoid contact with strong oxidizers.

Conditions to Avoid: Open flame or sources of ignition.

Hazardous reactions/Decomposition Products: Does not decompose under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, skin, eyes

Acute Effects: LD50 and LC50 of the product are not determined but are expected to be high based on toxicity of components. Excessive contact, inhalation or ingestion may cause irritation or discomfort. Refer to Sections 2 and 4 for recommended actions.

Medical conditions aggravated by long term exposure: Eye, skin and respiratory disorders.

Chronic Effects: Any acute symptoms may be aggravated. Refer to Sections 2 and 4 for recommended actions.

Symptoms: May include redness, cracking of the skin, gastrointestinal and respiratory discomfort. Refer to Sections 2 and 4 for recommended actions.

Carcinogenicity: No components of this product are found to be carcinogens by NTP, IARC or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Not determined

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

Not regulated

SECTION 15: REGULATORY INFORMATION

OSDHA Hazards: None

TSCA Status: On TSCA Inventory

DSL Status: On DSL list

SARA 311/312 Hazards: None

California Prop. 65: Not applicable



"Xi" - Irritant



S25: Avoid contact with eyes. H319 Causes serious eye irritation

SECTION 16: OTHER INFORMATION

Prepared by: Central Coast Garden Products, Inc.

Date Prepared: 5/6/2020

Additional information about this product: No data available

Company policy or disclaimer:

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