









UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Not Measured
VAPOR PRESSURE	No data available
VAPOR DENSITY (AIR = 1)	No data available
RELATIVE DENSITY (@25°C):	1.7
SOLUBILITY(IES)	Soluble in water
OXIDIZING PROPERTIES	No data available
PARTITION COEFFICIENT: n-octanol/water	No data available
AUTO IGNITION TEMPERATURE	No data available
DECOMPOSITION TEMPERATURE	No data available
VISCOSITY	No data available

## Section 10: Stability and Reactivity

Reactivity:	Not reactive
Chemical Stability:	Stable under recommended conditions.
Possibility of Hazardous Reactions:	Will not occur under normal temperatures and pressures.
Conditions to Avoid:	High temperatures, high pressure, and incompatible materials.
Incompatibility (Materials to avoid):	This product is compatible with the majority of agricultural remedies. However, it is advisable to do a miscibility test prior to mixing with other chemicals. Do not mix concentrate directly with other herbicides or pesticides concentrates – always dilute first. Do not mix product with oxidizing materials or with any phosphate containing fertilizers.
Hazardous Decomposition Products:	Decomposition products include carbon dioxide, carbon monoxide, and water which may form when heated to decomposition.

## Section 11: Toxicological Information

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical Constituent
Acute Toxicity	LD50 (Oral/Mouse)	>5000 mg/kg	No Mortality	Zinc Oxide
	LD50 (Oral/Rat)	>5000 mg/kg		Zinc Oxide
	LC50(Inhalation/Mouse):	> 5.7 mg/L, 4 hr.		Zinc Oxide
Skin Corrosion/Irritation	20 % w/v zinc oxide was found to be non-irritating to guinea-pig skin.			Zinc Oxide
Serious Eye Damage / Eye Irritation	50 µL bulk volume, 90 min exposure, 18 hr observation on human cornea tissue		Not irritating	Zinc Oxide
Respiratory or Skin Sensitization	Data not available			
Germ Cell Mutagenicity	Data not available			
Carcinogenicity	NTP	Not listed		
	IARC	Not listed		
	OSHA	Not listed		
Reproductive Toxicity	Data not available			
STOT -- Single Exposure	Data not available			
STOT – Repeated Exposure	Data not available			
Aspiration Hazard	Data not available			

STOT = Specific Target Organ Toxicity

## Section 12: Ecological Information

	Chemical Constituent
Toxicity:	LC50 Danio rerio (Zebrafish) = 3.31 mg/L, 96hr. LC50 Daphnia magna (water flea) = 1.55 mg/L, 48hr.
Persistence and degradability:	No information is available.
Bioaccumulative potential	No information is available.
Mobility in soil:	No information is available.
PBT and vPvB assessment:	PBT/vPvB assessment not available as chemical assessment not required/not conducted
Other adverse effects:	No information is available.



## Section 13: Disposal Considerations

**Waste from residues/unused products:** Follow the waste disposal requirements of your country, state, or local authorities.

**Contaminated packaging:** Contaminated packaging material should be disposed of as stated above for residues and unused product.

**Rinsate:** Do not dispose of rinse water containing product in a sanitary sewer system or stormwater drainage system.

## Section 14: Transport Information

**DOT TRANSPORT:** Not Regulated

**ADR = International Carriage of Dangerous Goods by Road** Not Regulated

**SEA TRANSPORT:** IMDG Not Regulated

**AIR TRANSPORT:** IATA/ICAO Not Regulated

## Section 15: Regulatory Information

**TOXIC SUBSTANCE CONTROL ACT (TSCA) STATUS:**

This product is in compliance with rules, regulations, and orders of TSCA. All components are either listed on the TSCA inventory or are considered exempt.

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III SECTION 313 SUPPLIER NOTIFICATION:**

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the Emergency Planning and Community Right To Know Act of 1986 and 40 CFR 372. This information must be included in all SDS's that are copied and distributed for the material.

The Section 313 toxic chemicals contained in this product are: None

**CALIFORNIA PROPOSITION 65:**

This regulation requires a warning for California Proposition 65 chemical(s) under the statute.

The California proposition 65 chemical(s) contained in this product are: None

**STATE RIGHT-TO-KNOW TOXIC SUBSTANCE OR HAZARDOUS SUBSTANCE LIST:**

Massachusetts's hazardous substance(s):	Zinc Oxide
Pennsylvania	Zinc Oxide
New Jersey	Zinc Oxide

**CANADA:**

WHMIS-2015: This SDS is in compliance with WHMIS 2015 (HPR / new HPA).

**EUROPEAN UNION:**

This product has been reviewed for compliance with the following European Community Directives: REACH 1907/2006; Regulation (EC) No 1272/2008 on classification, labeling, and packaging (CLP) of substances and mixtures.

## Section 16: Other Information

Initial issue date:	February 1, 2020
Final revision date:	February 26, 2020
Revision Number:	2
Revision explanation:	Initial version

Information Sources: RTECS, ECHA, REACH, OSHA 29CFR 1910.1200

“Disclaimer: This document is generated to distribute health, safety and environmental data. It is not a specification sheet and none of the displayed data should be construed as a specification. Information on this SDS sheet was obtained from sources which we believe are reliable, and we believe that the information is complete and accurate. However, the information is provided without any warranty, express or implied, regarding its correctness. Some of the information presented and conclusions drawn are from sources other than direct test data of the substance. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may also be beyond our knowledge. It is the user's responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. If the product is used as a component in another product, this SDS information may not be applicable. For these reasons, we do not assume any responsibility and expressly disclaim liability for any loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.”