

# SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** De La Cruz<sup>®</sup> Sulfur Powder

### Other means of identification

**UN-No.** NA1350

**Synonyms** De La Cruz<sup>®</sup> Azufre En Polvo

### Recommended use of the chemical and restrictions on use

**Recommended Use** Manufacturing, processing, repackaging, or pharmaceutical compounding

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

**Supplier Name** DLC Laboratories, Inc.

**Supplier Address** 7008 Marcelle St.  
Paramount  
CA  
90723  
US

**Supplier Phone Number** Contact Phone 1-562-602-2184  
Fax: 562-602-1931

**Supplier Email** info@dlclabs.com

**Emergency telephone number** Emergency: 1-800-858-3889  
CHEMTREC: 1-800-424-9300




## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin corrosion/irritation	Category 2
Flammable solids	Category 1

### GHS Label elements, including precautionary statements

Emergency Overview		
<b>Signal word</b>	<b>Danger</b>	
<b>Hazard Statements</b> Causes skin irritation Flammable solids		
<b>Appearance</b> Yellow	<b>Physical state</b> Powder	<b>Odor</b> Rotten-egg like

#### **Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Ground/bond container and receiving equipment  
 Use explosion-proof electrical/ ventilating/ lighting/ equipment

#### **Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label)

#### **Skin**

IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse

#### **Fire**

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

#### **Precautionary Statements - Storage**

None

#### **Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION

**Interactions with Other Chemicals**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%	Trade Secret
Supplier Trade Secret	Proprietary	60 - 100	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES****First aid measures****General Advice**

Show this safety data sheet to the doctor in attendance.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Skin contact**

Removal of solidified molten material from skin requires medical assistance.

**Inhalation**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen.

**Ingestion**

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

**Self-protection of the first aider**

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

**Most important symptoms and effects, both acute and delayed****Most Important Symptoms and Effects** No information available.**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**                      Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

Dry chemical, CO<sub>2</sub>, sand, earth, water spray or regular foam. Water spray, fog or regular foam.

### **Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient.

### **Specific hazards arising from the chemical**

Some may burn rapidly with flare burning effect. Powders, dusts, shavings, borings, turnings or cuttings may explode or burn with explosive violence. Substance may be transported in a molten form.

### **Uniform Fire Code**

Irritant: Solid  
FLAMMABLE SOLID: INORGANIC

### **Hazardous Combustion Products**

Carbon oxides.

### **Explosion Data**

**Sensitivity to Mechanical Impact**      No.

**Sensitivity to Static Discharge**        Yes.

### **Protective equipment and precautions for firefighters**

Move containers from fire area if you can do it without risk.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. See section 8 for more information. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

**Other Information** Refer to protective measures listed in Sections 7 and 8. Ventilate the area.

### Environmental precautions

**Environmental precautions** Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways.

**Methods for cleaning up** Take up with inert, damp, non-combustible material using clean non-sparking tools and place into loosely covered plastic containers for later disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

**Incompatible Products** Strong acids. Strong oxidizing agents. Strong bases.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/face protection** None required for consumer use. If there is a risk of contact: Tight sealing safety goggles.

**Skin and body protection** Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves. Chemical resistant apron. Antistatic boots.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<b>Physical state</b>	Powder	<b>Odor</b>	Rotten-egg like
<b>Appearance &amp; Color</b>	Yellow	<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	No data available	None known	
Melting / freezing point	110 C – 119 C / 230 F – 246.2 F	None known	
Boiling point / boiling range	444 C / 831.2 F	None known	
Flash Point	207 C / 404.6 F	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air			
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Specific Gravity	2.07	None known	
Water Solubility	Insoluble in water	None known	
Solubility in other solvents	No data available	None known	

<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	248 C – 266 C / 478.4 F – 510.8 F	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No data available	None known
<b>Oxidizing properties</b>	No data available	None known

**Other Information**

<b>Softening Point</b>	No data available
<b>VOC Content (%)</b>	No data available
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

Heat, flames and sparks.

**Incompatible materials**

Strong acids. Strong oxidizing agents. Strong bases.

**Hazardous Decomposition Products**

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. Irritating to eyes. May cause redness, itching, and pain. (based on components).
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. Irritating to skin. Causes skin irritation. (based on components).
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Supplier Trade Secret	> 3000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 9.23 mg/L ( Rat ) 4 h

**Information on toxicological effects**

**Symptoms** Erythema (skin redness). May cause redness and tearing of the eyes.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** Contains no ingredient listed as a carcinogen.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** No known effect based on information supplied.

**Target Organ Effects** Respiratory system. Eyes. Skin.

**Aspiration Hazard** No information available.

**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document  
Not applicable



## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Supplier Trade Secret		96h LC50: = 866 mg/L (Brachydanio rerio) 96h LC50: < 14 mg/L (Lepomis macrochirus) 96h LC50: > 180 mg/L (Oncorhynchus mykiss)		

### Persistence and Degradability

No information available.

### Bioaccumulation

No information available

### Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### **Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements. Should not be released into the environment. Dispose of contents/containers in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

#### **Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

California Hazardous Waste Codes 141

## 14. TRANSPORT INFORMATION

### DOT

UN-No.	NA1350
Proper Shipping Name	SULFUR
Hazard Class	9
Packing Group	III
Description	NA1350, SULFUR, 9, III
Emergency Response Guide Number	133



**TDG**

UN-No.	UN1350
Proper Shipping Name	SULFUR
Hazard Class	4.1
Packing Group	III
Description	UN1350, SULFUR, 4.1, III

**MEX**

UN-No.	UN1350
Proper Shipping Name	SULPHUR
Hazard Class	4.1
Packing Group	III
Description	UN1350, SULPHUR, 4.1, III

**ICAO**

UN-No.	UN1350
Proper Shipping Name	SULPHUR
Hazard Class	4.1
Packing Group	III
Description	UN1350, SULPHUR, 4.1, III

**IATA**

UN-No.	UN1350
Proper Shipping Name	SULPHUR
Hazard Class	4.1
Packing Group	III
Description	UN1350, SULPHUR, 4.1, III

**IMDG/IMO**

UN-No.	UN1350
Proper Shipping Name	SULPHUR
Hazard Class	4.1
Packing Group	III
EmS-No.	F-A, S-G
Description	UN1350, SULPHUR, 4.1, III

**RID**

UN-No.	UN1350
Proper Shipping Name	SULPHUR
Hazard Class	4.1
Packing Group	III
Classification code	F3
Description	UN1350, SULPHUR, 4.1, III

**ADR**

UN-No.	UN1350
Proper Shipping Name	SULPHUR
Hazard Class	4.1
Packing Group	III
Classification code	F3
Tunnel restriction code	(E)
Description	UN1350, SULPHUR, 4.1, III

**ADN**

<b>UN-No.</b>	UN1350
<b>Proper Shipping Name</b>	SULPHUR
<b>Hazard Class</b>	4.1
<b>Packing Group</b>	III
<b>Classification code</b>	F3
<b>Special Provisions</b>	242
<b>Description</b>	UN1350, SULPHUR, 4.1, III
<b>Hazard Labels</b>	4.1
<b>Limited Quantity</b>	5 KG

## 15. REGULATORY INFORMATION

### International Inventories

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL.

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	Yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### **U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Supplier Trade Secret	X	X	X		



**International Regulations****Canada****WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b>	<b>2</b>	<b>Flammability</b>	<b>2</b>	<b>Instability</b>	<b>0</b>	<b>Physical and Chemical Hazards</b>	<b>-</b>
<b>HMIS</b>	<b>Health Hazards</b>	<b>2</b>	<b>Flammability</b>	<b>2</b>	<b>Physical Hazard</b>	<b>0</b>	<b>Personal Protection</b>	<b>X</b>

**Prepared By**

Product Stewardship  
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Latham, NY 12110  
1-800-572-6501

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**