

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (as Used on Label and List)  
Oxy E-100

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's name: DBC Ag Products

Emergency Telephone Number: (717) 509-5724

Address (Number, Street, City, State and ZIP Code)

Telephone Number for Information: (717) 509-5724

313 W Liberty St, Ste 237

Date Prepared: 9/4/2012

Lancaster, PA 17603

Signature of Preparer (optional)

**Section II—Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))

OSHA PEL    ACGIH TLV    Other Limits Recommended    % (optional)

Chemical Name: Sodium Chlorite (CAS #7758-19-2)

NaClO<sub>2</sub>: 4.8% (+/-0.2)

pH = 13

Toxicology Information: (ORAL-RAT) 5-6 ml/kg of body weight. If this measurement is extrapolated to the 125 pound human, it is equivalent to the latter drinking 9 ounces of the 5% concentrated Oxy E-100

EPA Reg No. 9150-2

EPA Est No 10183-MI-01

**Section III—Physical/Chemical Characteristics**

Boiling Point:	221°F	Specific Gravity (H <sub>2</sub> O=1):	1.07 (+/- 0.1)
Vapor Pressure (mm Hg):	N/A	Melting Point:	
Vapor Density (AIR=1):		Evaporation Rate (Butyl Acetate=1):	N/A

Solubility in Water: Completely soluble

Appearance and Odor: Clear, odorless liquid

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used): None

Flammable Limits: N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Not burnable

Special Fire Fighting Procedures: Wear self-contained breathing apparatus (SCBA). Wear suitable protective equipment.

Unusual Fire and Explosion Hazards: Drying of this product on clothing or combustible materials may cause fire.

**Section V—Reactivity Data**

Stability	Unstable		<i>Conditions to Avoid:</i> Stable under normal conditions of use and storage. Store in cool area. Avoid extreme heat.
	Stable	X	

*Incompatibility (Materials to Avoid):* Avoid contact with toxic chemicals

*Hazardous Decomposition or Byproducts:* Chlorine, Chlorine dioxide...%

Hazardous Polymerization	May Occur		<i>Conditions to Avoid:</i> Contact with acids, organic materials, reducing agents and oxidizing agents will release toxic gasses of chlorine and/or chlorine dioxide.
	Will Not Occur	X	

**Section VI—Health Hazard Data**

<i>Route(s) of Entry:</i>	Inhalation? No	Skin? No	Ingestion? Possible
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*Health Hazards (Acute and Chronic):* The 5% concentrated form of Oxy E-100 is mildly irritating to the skin.

<i>Carcinogenicity</i>	NTP?	IARC Monographs?	OSHA Regulated?
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*Signs and Symptoms of Exposure:*

*Medical Conditions Generally Aggravated by Exposure:*

*Emergency and First Aid Procedures:* If swallowed in concentrated form, immediately drink 8-10 ounces of water, and repeat. Contact doctor or poison control center. Do not induce vomiting unless instructed to do so by doctor or poison control center. Note to physician: probably mucosal damage may contraindicate the use of gastric lavage.

Contact with skin – Remove contaminated clothes & shoes immediately. Flush skin with water.

Contact with eyes – Flush with water for 10 minutes. See a physician if pain or stinging persists.

**Section VII—Precautions for Safe Handling and Use**

*Steps to Be Taken in Case Material Is Released or Spilled:* If spilled, flush area with large amounts of water. If in contact with clothing or other material, saturate with water and blot with absorbent paper or cloth, as Oxy E-100 has bleaching properties.

*Waste Disposal Method:* Incineration or sanitary landfill in accordance with local, state and federal regulation

*Precautions to Be Taken in Handling and Storing:* Wear protective clothing when handling, as Oxy E-100 in the 5% concentrated form is mildly irritating.

*Other Precautions:* Use appropriate measures to avoid contact with skin and eyes. Keep out of reach of children.

**Section VII—Control Measures**

*Respiratory Protection (Specify Type):* Use a NIOSH approved respirator

Ventilation	Local Exhaust:	Special:
	Mechanical (General):	Other:

*Protective Gloves:* Yes *Eye Protection:* Use chemical goggles

*Other Protective Clothing or Equipment:*

*Work/Hygienic Practices:* Practice good industrial/manufacturing hygiene and housekeeping

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**Section IX – Regulatory Information**

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## Federal EPA

Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) requires notification to the national response center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQS) in 40 CFR 302.4

Components present in this product which could require reporting under the statute are: None

## Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III

This product is not formulated with any chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and CFR 372.

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