

Material Safety Data Sheet

J. R. Simplot Company

AgriBusiness

Trade Name: SP Darken™
Registration No: None

M18291

SECTION 1

CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer For:	J.R. Simplot Company P.O. Box 70013 Boise, ID 83707	Product Name:	SP Darken
		Common Name:	Darken
		Chemical Type:	Concentrated Pigment
Emergency Phone - Chemtrec:	1-800-424-9300		

SECTION 2

COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
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None

Non-Hazardous

This product contains no hazardous materials per 29 CFR 1910.1200. Exact ingredients are a trade secret or proprietary ingredients.

SECTION 3

HAZARDS IDENTIFICATION

Ingestion: Minimal hazard under normal conditions and use. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems. May cause aggravation of mucous membranes if swallowed.

Inhalation: Prolonged inhalation of vapors may result in respiratory aggravation.

Eye Contact: This product will cause discomfort to eyes.

Skin Contact: May cause skin aggravation and itching.

Effects of Overdose: Ingestion of large doses may cause diarrhea, nausea, abdominal cramps or formation of methemoglobinemia. Seek medical attention.

SECTION 4

FIRST AID MEASURES

Ingestion: Dilute with water or milk and induce vomiting. If victim is unconscious or having convulsions, get immediate medical attention.

Inhalation: Remove to fresh air. Seek medical attention if condition persists.

Eyes: Flush eyes with running water for at least 15 minutes. Seek medical attention if condition persists.

Skin: Wash with soap and water. Contaminated clothing must be washed before reuse. Seek medical attention if condition persists.

Notes to Physician: Consult standard literature. Treatment based on the sound judgment of the physician and the individual reactions of the patient.

SECTION 5

FIRE FIGHTING MEASURES

Extinguishing Media: Use water, foam, dry powder, carbon dioxide to extinguish source of fire.

Special Fire Fighting Procedures: Use positive pressure, self-contained breathing equipment. Foam is preferred because uncontrolled water can spread possible contamination. Prevent run-off from entering drains, sewers or bodies of water.

Unusual Fire and Explosion Hazards: During extremely high temperature fire conditions, this product may decompose to release NH₃, SO_x, PO_x or CN.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams and rivers.

Steps to be taken in case material is released or spilled:

Absorb spilled material with an inert material. Sweep, vacuum or shovel material into an approved container for reuse or disposal. Do not allow product to contaminate drains, sewers, ditches or bodies of water. Prevent large quantities from contacting vegetation. Wood and cement may become stained. Wash with clear water before drying to prevent staining. Contact state or local authorities for disposal details.

SECTION 7

HANDLING AND STORAGE

Precautions to be taken in handling and storing:

Store in a cool, dry area. Separate from other pesticides, fertilizers, seed, feed, foodstuffs and keep away from drains, sewers, and water sources. Store in temperature below 100° F (38° C). Do not swallow. Use normal safety procedures and good personal hygiene. Keep out of the reach of children.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: Adequate ventilation.

Respiratory Protection: Approved respirator when necessary.

Protective Clothing: Normal clean work clothing; impervious gloves and boots.

Eye Protection: Safety glasses with side shields or goggles may be necessary.

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SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not available	Solubility in Water:	Miscible
Density:	Not available	% Volatiles (by volume):	Not applicable
Flashpoint:	Not flammable	Vapor Pressure, mm Hg:	Not applicable
pH:	7.0 –8.0	Reaction with Water:	None
Appearance:	Dark green opaque liquid; slight odor	Specific Gravity:	1.05
Extinguishing Media:	Use media suitable to extinguish source of fire.		

SECTION 10

STABILITY AND REACTIVITY

Stability (Normal Conditions): Stable
Conditions to Avoid: Extremely high temperatures.
Incompatibility (Material to Avoid): Strong reducing agents.
Hazardous Decomposition Products: During extremely high temperature fire conditions, the product may decompose to release CO, CO_x, and No_x.
Hazardous Polymerization: Will not occur

SECTION 11

TOXICOLOGY INFORMATION

None listed.

SECTION 12

ECOLOGICAL INFORMATION

None listed.

SECTION 13

DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Dispose of small amounts with inert resorbant materials and dispose of according to regulations by applying to soil using good agricultural practices and soil management.

SECTION 14

TRANSPORT INFORMATION

Shipping name:	Not regulated by DOT	C.A.S. Number:	See "Ingredients"
Hazard Class:	None	D.O.T. Number:	None
Reportable Quantity (RQ):	None	Haz Waste No:	None
Labels Required:	None	EPA Regist No:	None
Placard:	None		

SECTION 15

REGULATORY INFORMATION

Carcinogenicity: by IARC?: Yes () No (X) by NTP?: Yes () No (X)

Not on the 302 list of SARA reportable quantities.

SECTION 16

OTHER INFORMATION

Flash Point (Test Method):	Non-flammable	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A

MSDS Version Number: 2 (addition of MSDS number)

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