

Material Safety Data Sheet
J. R. Simplot Company
AgriBusiness

M78013

Trade Name: Quark
Registration No: 7001-50007 (California)
7001-09004 (Washington)

SECTION 1

CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufactured For: J.R. Simplot Company
P.O. Box 70013
Boise, ID 83707
Emergency Phone - Chemtrec: 1-800-424-9300

Product Name: Quark
Common Name: Quark
Chemical Type: Siloxane Copolymer

SECTION 2

COMPOSITION INFORMATION

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

Non-Hazardous

This product is considered trade secret information, containing no hazardous ingredients.

SECTION 3

HAZARDS IDENTIFICATION

Ingestion: May be slightly toxic based on acute animal studies. Exact effects on humans is not known.
Inhalation: Not likely route of entry. Toxic based on acute animal studies. Exact effects on humans are not known.
Eye Contact: Causes moderate irritation.
Skin Absorption: May cause slight irritation.
Skin Contact: May cause slight irritation.
Effects of Overdose: None listed.

SECTION 4

FIRST AID MEASURES

Ingestion: DO NOT induce vomiting. Drink 2 glasses of water or milk. Seek medical attention and show this data sheet.
Inhalation: Remove individual from site of exposure to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.
Eyes: Flush with water for 15 minutes or more (if easy to do so, remove contact lenses); if irritation persists, consult a physician (preferably an eye specialist) and show this data sheet.
Skin: Remove contaminated clothing and wash with soap and water. Get medical attention if discomfort persists.

SECTION 5

FIRE FIGHTING MEASURES

Extinguishing Media: Foam, carbon dioxide, dry chemical and water spray.
Special Fire Fighting Procedures: None listed.
Unusual Fire and Explosion Hazards: None listed.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:
Evacuate the spill area except for clean-up personnel. Wear NIOSH/MSHA approved respirator and protective equipment. As referenced in Section 8. Control spill with adsorbent pads or booms. If necessary, apply granular or loose sorbent to spill. When adsorbed, sweep or otherwise collect and dispose of properly.

SECTION 7

HANDLING AND STORAGE

Precautions to be taken in handling and storing:
Avoid inhalation or vapor or mist. Avoid contact with eyes or skin. Keep containers closed. Use only with adequate ventilation. In case of exposure, see first aid in Section 4. Wash hands before breaks and after working.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: Mechanical (general) recommended.
Respiratory Protection: When work conditions are such that aerosols or mists may be generated or present, use a suitable approved respirator. Under normal conditions with adequate ventilation, no protection is required.
Protective Clothing: Recommended USDA accepted nitrile (CFR-20) or neoprene rubber gloves (CFR-21).
Eye Protection: Goggles with full face shield and eyewash recommended.
Other: Wear appropriate clothing to prevent repeated and prolonged skin contact.

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SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not applicable	Weight Per Gallon:	8.49 pounds
Specific Gravity:	1.01921	% Volatiles (by volume):	1.39%
Flashpoint:	Non-flammable	Vapor Pressure, mm Hg:	Not applicable
pH:	5-8	Vapor Density:	Heavier than air.
Appearance:	Pale yellow liquid; polyether odor.	Liquid Density:	Heavier than water.
Reaction with Water:	Not listed.		
Extinguishing Media:	Use media suitable for extinguishing source of fire.		

SECTION 10

STABILITY AND REACTIVITY

Stability (Normal Conditions): Stable
Conditions to Avoid: None with proper handling and storage.
Incompatibility (Material to Avoid): None with proper handling and storage.
Hazardous Decomposition Products: None known.
Hazardous Polymerization: None listed.

SECTION 11

TOXICOLOGY INFORMATION

Permissible Exposure Level
LTP-NO: IARC NO: LD₅₀ Acute Oral (rat) = 3200 mg/kg
LD₅₀ Acute Dermal (rat) = 1500 mg/kg
4-hour LD₅₀ Acute Inhalation (rat) = 1.08 mg/l

SECTION 12

ECOLOGICAL INFORMATION

None listed.

SECTION 13

DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Dispose of in accordance with local, state and federal regulations.

SECTION 14

TRANSPORT INFORMATION

Shipping name:	Adhesives, Adjuvants, Spreaders or Stickers, Not Regulated by DOT	C.A.S. Number:	Proprietary Information
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 SARA 302 list of reportable quantities.

SECTION 16

OTHER INFORMATION

Flash Point (Test Method):	212°F TCC	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A
Hazard Rating:	Health: 2	Fire: 1	Reactivity: 0	Specific: Not applicable

MSDS Version Number: 4 (Revision to Section 2 and addition of the Washington registration number)

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