

Q-SOLID SAFETY DATA SHEET

SECTION 1, CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SDS DATE: 07/19/2021 VERSION: SODPOL01

A. Product Identifier	Q-Solid
Chemical class:	Sodium Polyacrylate, Cross-linked
Synonym	Super Absorbent Polymer
CAS-No	076774-25-9
B. Brand Name	Q-Solid
C. Name of Manufacturer	The ARK Enterprises, Inc..
Address:	PO Box 725 Peculiar, Missouri
	EMERGENCY NUMBER CHEMTREC: 800-424-9300 401-722-1177 FAX: 401-722-1160
D. Product Use:	Absorption/solidification of water based liquids
E. Date of MSDS Preparation:	May 29, 2015
F. Contact Name:	Steve Snyder 816-779-5741

SECTION 2, HAZARDS IDENTIFICATION

EMERGENCY CLASSIFICATION: NOT a hazardous substance or mixture.

A. Relevant routes of exposure:	Dust caused by excess agitation of product
B. Adverse Health effects:	Excess exposure to dust could cause irritation to eyes, nose and throat
C. Length of exposure:	Unlimited, provided standard face mask and protective eye gear is used
D. Severity of Effect:	Not severe
E. Target organs:	Nose, throat, chest & eyes
F. Type of effect:	Irritation to eyes, nose and throat

SECTION 3, COMPOSITIONS / INFORMATION ON INGREDIENTS

A. Chemical Identity & CAS registration number:	CAS# 076774-25-9 Sodium Polyacrylate, lightly crosslinked CAS# 79-10-7 Acrylic Acid
B. WHMIS:	Proprietary

SECTION 4, FIRST AID MEASURES

General Advice:	Remove soiled or soaked clothing immediately
Eyes:	Flush with water, seek medical attention if discomfort persists
Inhalation:	Ensure supply of fresh air, seek medical advice in the event of respiratory symptoms
Skin:	Wash off with soap and water
Ingestion:	Not harmful in small quantities, drink water; seek medical advice if irritation persists
Symptoms:	Irritation
Treatment:	Symptomatic

SECTION 5, FIRE FIGHTING MEASURES

A. Flash point and method:	Not applicable
B. Upper and lower flammable limits:	Not applicable
C. Auto ignition temperature:	None
D. Hazardous combustion:	Not applicable
E. Conditions which flammability could occur	None
F. Extinguishing media:	Standard NFPA procedures
G. Sensitivity to explosion by impact:	Not applicable
H. Sensitivity to explosion by static discharge:	Not applicable to unspent product
I. Firefighting procedures:	Standard NFPA procedures

SECTION 6, ACCIDENTAL RELEASE MEASURES

A. Procedure for dealing with release or spill:	Sweep up and contain spent product
B. Personal Precautions:	Surfaces are slippery when wet
C. Environmental Precautions:	Do not allow to enter drains or waterways or discharge in soil
D. Method for cleaning up:	Pick up mechanically, dispose of absorbed material in accordance with regulations

SECTION 7, HANDLING AND STORAGE

A. Handling and practices & equipment:	Ensure adequate ventilation, wear appropriate eye protection
B. Appropriate storage practices/requirements:	Product should be stored in a dry place to avoid exposure to moisture.

SECTION 8, EXPOSURE CONTROLS/PERSONAL PROTECTION

A. Applicable control measures:	This produce is not classified as a hazardous material
B. Personal protective equipment:	Safety glasses, protective gloves & clothing can be used within the scope of a risk assessment.
C. Respiratory protection:	In case of accumulation of vapors/dusts: short term filter apparatus is recommended

SECTION 9, PHYSICAL AND CHEMICAL PROPERTIES

A. Appearance:	White granules	H. Freezing point:	Not applicable
B. Odor:	Odorless	I. Specific gravity or density:	1.5
C. Physical state:	White granules	J. Evaporation rate:	Not applicable
D. pH:	5.5 to 6.5 (1% g/l)	K. Partition coefficient:	Not applicable
E. Vapor pressure & reference:	Not applicable	L. Odor threshold:	Not applicable
F. Vapor density:	Not applicable	M. Viscosity:	Not applicable
G. Boiling point:	Not applicable	N. Solubility in water:	Not measured

SECTION 10, STABILITY & REACTIVITY

A. Chemical stability:	Stable
B. Conditions to avoid:	None known
C. Incompatibility with other materials:	None known
D. Hazardous decomposition products:	Not applicable
E. Hazardous polymerization:	Not applicable

SECTION 11, TOXICOLOGICAL INFORMATION

A. Effects of short term exposure:	Not harmful. Refer HSE publication: EH 40 (nuisance dust)
B. Effects of long term exposure:	Chronic inhalation can cause inflammation of the lungs
C. Irritancy:	Exposure to dust without face mask and protective eyewear could cause irritation to eyes and nose
D. Sensitization:	Avoid prolonged excessive dust exposure without face mask and protective eyewear
E. Carcinogenicity:	Not applicable
F. Reproductive toxicity:	Not applicable
G. Teratogenicity:	Not applicable
H. Mutagenicity:	Not applicable
I. Toxicologically synergistic products:	Not applicable

SECTION 12, ECOLOGICAL INFORMATION

Sodium Polyacrylate polymers are non-toxic to aquatic life when used according to recommended application rates. Over-saturation of product at ratios of greater than 4,000 mg/l (Method OECD203) can be toxic to aquatic life.

SECTION 13, DISPOSAL CONSIDERATIONS

A. Waste disposal information:	Unused products is not subject to 40CFR 268.30. Dispose by incineration or landfill in accordance with local, state and national laws applicable to the liquids absorbed.
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SECTION 14, TRANSPORTATION INFORMATION

A. Transport:	No special transport conditions apply; unspent material should be kept dry to maintain absorption properties
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SECTION 15, REGULATORY INFORMATION

A. U.S. Federal regulations:	This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29 CFR 1910.119
B.	This product is not regulated on a Federal or State basis, CFR references for FDA regulated components in this product are listed.

SECTION 16, OTHER INFORMATION

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