



NORTH Metal and Chemical Co.

### 1. Company Identification and Product Hazard Overview:

**Product Name** : NorthQuest 5420; Acrylic Copolymer Powder  
**Synonyms** : N/A  
**Recommended Use** : Used as a scale inhibitor and dispersing agent in industrial water treatment and detergent programs  
**Manufactured for** : NORTH Metal and Chemical Company  
P. O. Box 1985 609 E. King St.  
York, PA USA 17405 York, PA USA 17403  
Tel: 717-845-8646 Fax: 717-846-7350  
Email: north@nmc-nic.com Website: www.nmc-nic.com

**In Case of Emergency: Call CHEMTREC (24H): 1-800-424-9300**

### 2. Hazard Identification:

**GHS Classification:**  
Eye Damage/Irritation (Category 2)  
Skin Corrosion/Irritation (Category 3)

**Signal Word:** WARNING  
**Pictograms:** None

**Hazard Statement (s):**  
**H313** : May be harmful in contact with skin  
**H316** : Causes mild skin irritation  
**H320** : Causes eye irritation

**Prevention:**  
**P280** : Wear protective gloves, protective clothing such as apron, boots, and safety glasses with side shields.  
**P264** : Wash all affected body parts thoroughly after handling.

**Response:**  
**P332 + P313** : IF SKIN irritation occurs: Get medical advice/attention from a physician.  
**P305 + P351 + P338** : IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
**P337 + P313** : If eye irritation persists: Get medical advice/attention

**Emergency Overview:** 5420 is a fine white polymer powder that yields a gel like material with the addition of water. It causes extremely slipper conditions when wet. Although not regulated as a hazardous material, the respirable dust is potential respiratory tract irritant.

#### Potential Health Effects:

**Eyes:** Dust may cause burning, drying, itching and other discomfort, resulting in reddening of the eyes.  
**Skin:** Exposure to the dust, such as in manufacturing, may aggravate existing skin conditions due to the drying effect.  
**Inhalation:** Exposure to the respirable dust may cause respiratory tract and lung irritation and may aggravate existing respiratory conditions.  
**Ingestion:** May be harmful if swallowed. Do not swallow.





## 9. Chemical and Physical Properties:

Appearance: Clear, colorless liquid

Density: 1.02 g/mL (at 20°C)

## 10. Stability and Reactivity:

## 11. Toxicological Information:

Acute Toxicity:

## 12. Ecological Information:

All work practices must be aimed at eliminating environmental contamination.

**Biodegradability** : No data available.

**Bioaccumulative Potential** : No data available.

**Terrestrial Ecotoxicity** : This material may be harmful or fatal to contaminated plants or animals, especially if large volumes are released into the environments.

**Aquatic Ecotoxicity** : This material may be harmful or fatal to the aquatic environments if large volumes are released.

**Aquatic Invertebrates:** No data available.

**Mobility in Soil** : No data available.

**Other Adverse Effects** : No data available.

## 13. Disposal Considerations:

**Disposal Method** : Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations.

**For Large Spills** : Contain material and call local authorities for emergency assistance.

**Product Disposal** : Dispose of at a supervised incineration facility or an appropriate waste disposal facility according to current applicable local, state and federal laws, regulations and product characteristics at time of disposal.

**Empty Container** : Contaminated container should be labeled and disposed in accordance to local, state and federal laws and regulations.

**General Comments** : Refer to section 6, accidental release measures for additional information.

## 14. Transport Information:

Regulatory Information	In-	UN No.	Proper Shipping Name	UN Class	Packing Group	Labels
US DOT		None	Not Regulated	None	-	None

## 15. Regulatory Information:

### U.S. Federal Regulations:

**TSCA Status:** All components of this product are listed on the TSCA inventory.

**CERCLA Section 103 (40 CFR 302.4):** No components of this products are listed.

**Section 311/312 Categorizations (40 CFR 370):** Chronic Health Hazard.

**SARA Section 313:** No components of this products are listed.

## 16. Other Information:

HMIS and NFPA Rating Scale:

HMIS: Hazardous Materials Identification System

Numeric Scale for Health (Blue), Flammability (Red), and Physical Hazard (Yellow):

### HMIS Rating:\*

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

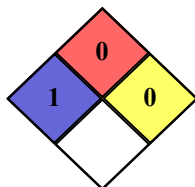
RATING	HEALTH	FIRE HAZARD	PHYSICAL HAZARD
0	No significant risk to health	Will not burn	Product stable under ambient temperature and condition.
1	Can cause irritation or minor reversible	Must be preheated to burn	Product can become unstable at high temperatures and pressures.
2	Can cause temporary or residual injury	Ignites when moderately heated	Product can become unstable and cause violent chemical reaction at normal pressures and temperatures
3	Can cause serious injury	Ignition occurs at normal temperature	Product capable of forming explosive mixtures and is capable of detonation in presence
4	Can be lethal from single or repeated exposure.	Extremely flammable	Product is highly explosive and unstable. Exothermic reactions possible with decomposition, polymerization, reaction with water or self reaction

Personal Protection Code B: Gloves + Safety Goggles

NFPA: National Fire Protection Association

Numeric Scale for Health (Blue), Fire Hazard (Red), and Reactivity (Yellow):

### NFPA Rating:\*



RATING	HEALTH	FIRE HAZARD	REACTIVITY
0	Minimal Hazard	Will not burn	Normally Stable
1	Can cause significant irritation	Must be preheated to burn	Unstable at high temperatures
2	Can cause temporary incapacitation or residual injury	Ignites when moderately heated	Normally unstable. Can readily go under violent chemical reaction but do not detonate.
3	Can cause permanent injury.	Ignition occurs at normal temperature	Capable of detonation, or of explosive reaction, but requires a strong ignition source.
4	Can be lethal.	Extremely flammable	May explode at normal temperatures and pressures

Revision Date: November 9, 2018

Reason for Revision: Updated Section 9

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