



**CENTRALBIDDING**  
FROM CENTRAL AUCTION HOUSE

**Furnishing Polymer for Belt Press Use  
Harrison County Utility Authority**

Project documents obtained from [www.CentralBidding.com](http://www.CentralBidding.com)  
03-Jan-2025 01:10:32 PM

# Harrison County Utility Authority

## Bid Form

### Liquid Polymer for Belt Press Operations 2025

Bid Opening at 10:00 A.M. on January 10, 2025

Facility	Product Name	Price / pound of polymer selected
West Biloxi Wastewater Treatment Facility	Nuoerfloc 8904E 90%	\$2.08
Keegan Bayou Wastewater Treatment Facility	Nuoerfloc 8904E 90%	\$2.08
North Gulfport Wastewater Treatment Facility	Nuoerfloc 8904E 90%	\$2.08
South Woolmarket Wastewater Treatment Facility	Nuoerfloc 8804 E 80%	\$2.01
South Gulfport Wastewater Treatment Facility	Nuoerfloc 8904E 90%	\$2.08
Long Beach / Pass Christian Wastewater Treatment Facility	Nuoerfloc 8904E 90%	\$2.08
North D'Iberville Wastewater Treatment Facility	Nuoerfloc 8904E 90%	\$2.08
<b>Totals</b>		<b>\$</b>
<b>Grand Total</b>		

Note: Prices are to include delivery costs to all facilities.

**Bidder Information**

Company Name: Rapid Bulk Services, LLC

Address: P.O. Box 15764

New Orleans, LA 70175

**Responsible Officer:**

(Name) Samuel Smith (Signature)

10 Jan 2025

(Date)

# Safety Data Sheet

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: NUOERFLOC® 8904E  
 Company: NNA Polymers, Inc.  
 Address: Houston, Texas  
 Email: sds.nna@nuoer.com  
 Emergency number: +1-800-424-9300

## SECTION 2: HAZARDS IDENTIFICATION

### Hazard Pictograms



### Signal Word

Warning

### Hazard Statements

H315 + H320 Causes skin and eye irritation.

### Precautionary Statements

P264 Wash skin thoroughly after handling.

P280 Wear eye protection/ face protection.

P302 + P352 IF ON SKIN: Wash with plenty of water

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

## SECTION 3: INFORMATION OF INGREDIENTS

Product Name: Liquid from Cationic Polyacrylamido

### Composition

Chemical name	CAS-No.	Concentration
Mineral Oil	PROPRIETARY	20-32%
Alcohols, C12-15-ethoxylated	68131-39-5	<=3 %

# Safety Data Sheet

---

## SECTION 4: FIRST AID MEASURES

### Contact with skin:

Wash with plenty of water and soap, if irritation occurs seek medical advice.

### Contact with eyes:

Wash immediately with water for at least 15 minutes. If there is any irritation, OBTAIN IMMEDIATELY MEDICAL ATTENTION.

### Swallowing:

Do not induce vomiting. Do not give anything to an unconscious person. Check for breathing and pulse, if present, place in the recovery position and obtain medical attention. If conscious rinse out the mouth with water. Give 3-4 liters of water to drink immediately and repeat drinks of water at a rate of a cupful (approx. 250 mL) every 10 minutes.

SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety data sheet.

### Inhalation:

Vacate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well-ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

## SECTION 5: FIRE-FIGHTING MEASURES

### Recommended extinguishers:

CO2, Foam, Chemical powders, according to the materials involved in the fire. Avoid using water, due to slippery properties of the wet product.

### Extinguishers not to be used:

The product is compatible with standard fire-fighting agents.

### Risks arising from combustion:

Avoid inhaling the fumes. Dust may be explosive if mixed with air in critical proportion and in the presence of a source of ignition.

### Protective equipment:

Firefighters, and others exposed, use protection for the respiratory tract.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Measures for personal safety:

Use gloves and protective clothing. Avoid dust formation. Wear a protective dust mask.

### Environmental measures:

Limit leakages from earth or sand. If the product has escaped into a watercourse, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.



# Safety Data Sheet

---

## Cleaning methods:

Absorb spills with appropriate materials and sweep up and/or shovel into a suitable container for disposal. Residues or small spillages should be hosed away completely with plenty of water. Spilled product which becomes wet or spilled aqueous solution creates a hazard because of the slippery nature. The spillage should be contained with earth or sand and removed for disposal.

## **SECTION 7: HANDLING AND STORAGE**

### Handling precautions:

Do not eat, drink or smoke while working. Remove contaminated clothing immediately and launder before reuse. Wash hands after use.

### Incompatible materials:

None in particular.

### Storage conditions:

Instructions as regards storage premises:

Store the product in a well-ventilated area, dry place. Avoid wet and humid conditions. Avoid extremes of temperature. Maintain good housekeeping to control accumulations.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### Control Parameters:

The product contains no substances for the exposure risk.

### Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled to ensure ventilation is adequate to maintain air concentration below Workplace Exposure Standards. Avoid generating and breathing in dust. Use with local exhaust ventilation or while wearing dust mask. Keep container tightly closed when not in use.

### Respiratory protection:

Where exposures are below the established limit, no respiratory protection is required. Where exposures exceed the established exposure limit, use respiratory protection recommended for the material and level of exposure.

### Protection for hands:

Use protective gloves in P.V.C., nitrile, or in plastic material/rubber.

### Eye protection:

Use protective goggles.

### Protection for skin:

Wear lightweight protective clothing.

# Safety Data Sheet

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Color:	Clear/Amber
Appearance:	Viscous liquid
pH Value:	6 – 8 (25°C, 0.25%)
Bulk Density:	0.90 – 1.10 g/cm <sup>3</sup>
Solubility in Water:	100%
Decomposition Temperature:	>150°C
Auto-ignition Temperature:	>150°C
Vapor Pressure (20°C)	No data available
Explosive Properties:	No data available
Oxidizing properties:	No data available

## SECTION 10: STABILITY AND REACTIVITY

### Chemical Stability:

Stable under recommended storage conditions.

### Conditions to avoid:

Stable at room temperature. Follow the industrial hygiene norms as for the handling and storage of chemicals. Avoid extremes of temperature.

### Substances to avoid:

Avoid contact with strong oxidants. Avoid contact with alkaline materials and strong oxidizing agents which will degrade the polymer.

### Hazardous decomposition products:

In case of combustion there is development of CO, CO<sub>2</sub>, NO<sub>x</sub>, HCl, NH<sub>3</sub> and SO<sub>2</sub>.

## SECTION 11: TOXICOLOGICAL INFORMATION

No adverse health effect is expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that arise if the product is mishandled and over exposure occurs are:

Ingestion:	No adverse effects expected, however, large amounts may cause nausea and vomiting.
Eye Contact:	May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eye.
Skin Contacts:	Repeated or prolonged skin contact may lead to irritation.
Inhalation:	Breathing in dust may result in respiratory irritation.
Chronic Effect:	No information available for this product.



# Safety Data Sheet

---

Acute Toxicity: No LD50 data available for the material.

## SECTION 12: ECOLOGICAL INFORMATION

Avoid contaminating waterways.

This material is not classified as dangerous for the environment. The effects on aquatic organisms are due to an external (non-systemic) mode of action and are significantly reduced within 30 minutes due to binding of the product to dissolved organic carbon and inorganic sorbents such as clays and silts.

## SECTION 13: DISPOSAL CONSIDERATIONS

### General Product Waste

The product should not be allowed to enter drains, water courses or the soil.

Dispose of in accordance with all applicable local, state and federal regulations.

### Contaminated Packaging

Empty remaining contents.

Dispose of as unused product.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14: TRANSPORT INFORMATION

### Road and Rail Transport:

Not classified as Dangerous Goods by transport by Road and Rail, NON-DANGEROUS GOODS.

### Marine Transport:

Not classified as Dangerous Goods by criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by Sea. NON-DANGEROUS GOODS.

### Air Transport:

Not classified as Dangerous Goods by criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. NON-DANGEROUS GOODS.

## SECTION 15: REGULATORY INFORMATION

### Inventory Listings

TSCA inventory: All substances listed as active

Canadian DSL: All components of this product are listed

AIC List: All components are listed, regulatory obligations/restrictions apply

IECSC List: On the inventory, or in compliance with the inventory

### Other Regulations and Lists:

Regulation (EC) No.1272/2008 Safety data sheet for chemical products – Classification, Labeling and Packaging  
GB12268-2012 List of dangerous goods



# Safety Data Sheet

---

GB6944-2005 Classification and code of dangerous goods

Poison Schedule (SUSMP): Non-allocated.

All the constituents of this material comply with the requirements of following regulations ISO11014-2009

## California Proposition 65

### WARNING

Chemical	CAS Number	Concentration in Product
Acrylamide	79-06-1	<0.1%.

This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

## SECTION 16: OTHER INFORMATION

This Safety Data Sheet was prepared by NNA Polymers, Inc. This SDS summarizes to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since NNA Polymers, Inc. cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact NNA Polymers, Inc. at the contact details on page 1.

# Safety Data Sheet

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: NUOERFLOC® 8804E  
 Company: NNA Polymers, Inc.  
 Address: Houston, Texas  
 Email: sds.nna@nuoer.com  
 Emergency number: +1-800-424-9300

## SECTION 2: HAZARDS IDENTIFICATION

### Hazard Pictograms



### Signal Word

Warning

### Hazard Statements

H315 + H320 Causes skin and eye irritation.

### Precautionary Statements

P264 Wash skin thoroughly after handling.

P280 Wear eye protection/ face protection.

P302 + P352 IF ON SKIN: Wash with plenty of water

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

## SECTION 3: INFORMATION OF INGREDIENTS

Product Name: Liquid from Cationic Polyacrylamide

### Composition

Chemical name	CAS-No.	Concentration
Mineral Oil	PROPRIETARY	20-32%
Alcohols, C12-15-ethoxylated	68131-39-5	<=3 %

# Safety Data Sheet

---

## SECTION 4: FIRST AID MEASURES

### Contact with skin:

Wash with plenty of water and soap, if irritation occurs seek medical advice.

### Contact with eyes:

Wash immediately with water for at least 15 minutes. If there is any irritation, OBTAIN IMMEDIATELY MEDICAL ATTENTION.

### Swallowing:

Do not induce vomiting. Do not give anything to an unconscious person. Check for breathing and pulse, if present, place in the recovery position and obtain medical attention. If conscious rinse out the mouth with water. Give 3-4 liters of water to drink immediately and repeat drinks of water at a rate of a cupful (approx. 250 mL) every 10 minutes.

SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety data sheet.

### Inhalation:

Evacuate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well-ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

## SECTION 5: FIRE-FIGHTING MEASURES

### Recommended extinguishers:

CO2, Foam, Chemical powders, according to the materials involved in the fire. Avoid using water, due to slippery properties of the wet product.

### Extinguishers not to be used:

The product is compatible with standard fire-fighting agents.

### Risks arising from combustion:

Avoid inhaling the fumes. Dust may be explosive if mixed with air in critical proportion and in the presence of a source of ignition.

### Protective equipment:

Firefighters, and others exposed, use protection for the respiratory tract.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Measures for personal safety:

Use gloves and protective clothing. Avoid dust formation. Wear a protective dust mask.

### Environmental measures:

Limit leakages from earth or sand. If the product has escaped into a watercourse, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.



# Safety Data Sheet

---

## Cleaning methods:

Absorb spills with appropriate materials and sweep up and/or shovel into a suitable container for disposal. Residues or small spillages should be hosed away completely with plenty of water. Spilled product which becomes wet or spilled aqueous solution creates a hazard because of the slippery nature. The spillage should be contained with earth or sand and removed for disposal.

## **SECTION 7: HANDLING AND STORAGE**

### Handling precautions:

Do not eat, drink or smoke while working. Remove contaminated clothing immediately and launder before reuse. Wash hands after use.

### Incompatible materials:

None in particular.

### Storage conditions:

Instructions as regards storage premises:

Store the product in a well-ventilated area, dry place. Avoid wet and humid conditions. Avoid extremes of temperature. Maintain good housekeeping to control accumulations.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### Control Parameters:

The product contains no substances for the exposure risk.

### Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled to ensure ventilation is adequate to maintain air concentration below Workplace Exposure Standards. Avoid generating and breathing in dust. Use with local exhaust ventilation or while wearing dust mask. Keep container tightly closed when not in use.

### Respiratory protection:

Where exposures are below the established limit, no respiratory protection is required. Where exposures exceed the established exposure limit, use respiratory protection recommended for the material and level of exposure.

### Protection for hands:

Use protective gloves in P.V.C., nitrile, or in plastic material/rubber.

### Eye protection:

Use protective goggles.

### Protection for skin:

Wear lightweight protective clothing.

# Safety Data Sheet

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Color:	Clear/Amber
Appearance:	Viscous liquid
pH Value:	6 – 8 (25°C, 0.25%)
Bulk Density:	0.90 – 1.10 g/cm <sup>3</sup>
Solubility in Water:	100%
Decomposition Temperature:	>150°C
Auto-ignition Temperature:	>150°C
Vapor Pressure (20°C):	No data available
Explosive Properties:	No data available
Oxidizing properties:	No data available

## SECTION 10: STABILITY AND REACTIVITY

### Chemical Stability:

Stable under recommended storage conditions.

### Conditions to avoid:

Stable at room temperature. Follow the industrial hygiene norms as for the handling and storage of chemicals. Avoid extremes of temperature.

### Substances to avoid:

Avoid contact with strong oxidants. Avoid contact with alkaline materials and strong oxidizing agents which will degrade the polymer.

### Hazardous decomposition products:

In case of combustion there is development of CO, CO<sub>2</sub>, NO<sub>x</sub>, HCl, NH<sub>3</sub> and SO<sub>2</sub>.

## SECTION 11: TOXICOLOGICAL INFORMATION

No adverse health effect is expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that arise if the product is mishandled and over exposure occurs are:

Ingestion:	No adverse effects expected, however, large amounts may cause nausea and vomiting.
Eye Contact:	May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eye.
Skin Contacts:	Repeated or prolonged skin contact may lead to irritation.
Inhalation:	Breathing in dust may result in respiratory irritation.
Chronic Effect:	No information available for this product.

# Safety Data Sheet



Acute Toxicity: No LD50 data available for the material.

## SECTION 12: ECOLOGICAL INFORMATION

Avoid contaminating waterways.

This material is not classified as dangerous for the environment. The effects on aquatic organisms are due to an external (non-systemic) mode of action and are significantly reduced within 30 minutes due to binding of the product to dissolved organic carbon and inorganic sorbents such as clays and silts.

## SECTION 13: DISPOSAL CONSIDERATIONS

### General Product Waste

The product should not be allowed to enter drains, water courses or the soil.

Dispose of in accordance with all applicable local, state and federal regulations.

### Contaminated Packaging

Empty remaining contents.

Dispose of as unused product.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14: TRANSPORT INFORMATION

### Road and Rail Transport:

Not classified as Dangerous Goods by transport by Road and Rail. NON-DANGEROUS GOODS.

### Marine Transport:

Not classified as Dangerous Goods by criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by Sea. NON-DANGEROUS GOODS.

### Air Transport:

Not classified as Dangerous Goods by criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. NON-DANGEROUS GOODS.

## SECTION 15: REGULATORY INFORMATION

### Inventory Listings

TSCA inventory: All substances listed as active

Canadian DSL: All components of this product are listed

AJIC List: All components are listed, regulatory obligations/restrictions apply

IECSC List: On the inventory, or in compliance with the inventory

### Other Regulations and Lists:

Regulation (EC) No.1272/2008 Safety data sheet for chemical products – Classification, Labeling and Packaging  
GHS12268-2012 List of dangerous goods

# Safety Data Sheet



GB6944-2005 Classification and code of dangerous goods

Poison Schedule (SUSMP): Non-allocated.

All the constituents of this material comply with the requirements of following regulations ISO11014-2009

## California Proposition 65

### WARNING

Chemical	CAS Number	Concentration in Product
Acrylamide	79-06-1	<0.1%.

This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

## SECTION 16: OTHER INFORMATION

This Safety Data Sheet was prepared by NNA Polymers, Inc. This SDS summarizes to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since NNA Polymers, Inc. cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact NNA Polymers, Inc. at the contact details on page 1.