

Ref. /US/EN

**WE-A03P**

Revision Date: 05/20/2015

Print Date:09/22/2015

Previous date: 03/02/2015

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****Product information****Product name****WE-A03P****Recommended use of the chemical and restrictions on use****Use of the Substance/Mixture**

Flocculating agent.

**Recommended restrictions on use**

-

**Supplier's details**Anderson Chemical Company  
325 South David Avenue  
Litchfield, MN 55355  
320-693-2477**Emergency number**

CHEMTREC: 1-800-424-9300

**2. HAZARDS IDENTIFICATION****Classification of the substance or mixture**

Skin irritation; Category 2; Causes skin irritation.;

**GHS-Labeling**

# SAFETY DATA SHEET

## WE-A03P

Ref. /US/EN

Revision Date: 05/20/2015

Previous date: 03/02/2015

Print Date:09/22/2015

---

**Hazard pictograms**



**Signal word**

: Warning

**Hazard statements**

: **Hazard statements:**  
H315 Causes skin irritation.

**Precautionary statements**

: **Prevention:**  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/ protective clothing/  
eye protection/ face protection.

**Response:**  
P302 + P352 IF ON SKIN: Wash with plenty of soap and  
water.  
P332 + P313 If skin irritation occurs: Get medical advice/  
attention.  
P362 Take off contaminated clothing.

**Disposal:**  
P501 Dispose of contents/container as special  
waste in compliance with local and national  
regulations.

**Other hazards which do not result in classification**

**Advice;** Solutions extremely slippery when spilled.

**Inhalation;** Avoid breathing vapors or mist.

**Skin;** Causes skin irritation.

**Eyes;** May cause eye irritation.

**Ingestion;** May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

# SAFETY DATA SHEET

## WE-A03P

Ref. /US/EN

Revision Date: 05/20/2015

Previous date: 03/02/2015

Print Date:09/22/2015

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substances /Mixtures

Chemical nature

Anionic polyacrylamide in water-in-oil emulsion.

#### Hazardous components

Chemical Name	CAS-No.	Concentration[%]
Distillates (petroleum), hydrotreated light	64742-47-8	20 - 24 %
Alcohols, C12-16, ethoxylated	68551-12-2	0 - 2.6 %
Alcohols, C10-16, ethoxylated	68002-97-1	0 - 2.6 %
Alcohols, C12-14, ethoxylated	68439-50-9	0 - 2.6 %

Components listed above that have a zero minimum and a common maximum range are interchangeably used components based on availability. Only one of these components is contained in the product up to the maximum amount noted.

### 4. FIRST AID MEASURES

#### Description of first aid measures

##### General advice

Show this safety data sheet to the doctor in attendance.

##### Inhalation

Remove to fresh air. If there is difficulty in breathing, medical advice is required.

##### Skin contact

Take off contaminated clothing and shoes immediately. Wash off with plenty of water. Consult a physician if necessary.

Wash contaminated clothing before reuse.

##### Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

##### Ingestion

Rinse mouth with water. Call a physician immediately. Do NOT induce vomiting.

#### Most important symptoms and effects, both acute and delayed

Symptoms : No information available.

# SAFETY DATA SHEET

Ref. /US/EN

**WE-A03P**

Revision Date: 05/20/2015

Print Date:09/22/2015

Previous date: 03/02/2015

## 5. FIREFIGHTING MEASURES

### Suitable extinguishing media

Water spray

Dry chemical

Carbon dioxide (CO<sub>2</sub>)

Alcohol-resistant foam

### Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

solid water stream, Water may be ineffective.

### Special protective actions for fire-fighters

Wear self-contained breathing apparatus and protective suit.

Use NIOSH/MSHA approved respiratory protection.

### Further information

Cool containers/tanks with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

For personal protection see section 8. Avoid contact with skin, eyes and clothing. Where the exposure level is not known, wear approved, positive pressure, self-contained respirator. Where the exposure level is known, wear approved respirator suitable for the level of exposure.

### Environmental precautions

Prevent leakages from entering drains and ditches that lead to natural waterways.

### Methods and materials for containment and cleaning up

Danger for slipping. Soak up with inert absorbent material. Shovel into suitable container for disposal. Flush with water. Use detergent if needed.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

### Conditions for safe storage, including any incompatibilities

Store at room temperature in the original container.

# SAFETY DATA SHEET

## WE-A03P

Ref. /US/EN

Revision Date: 05/20/2015

Previous date: 03/02/2015

Print Date:09/22/2015

Flashpoint determination was performed using a Pensky Martens type closed cup method. The method indicates a flash point greater than 93,3° C (200° F). Although there was no flashpoint detected below 93,3° C (200° F) some flammable vapours were evolved during the test as evidenced by the enlargement of the flame. Therefore caution should be exercised during storage and handling.

To avoid product degradation and equipment corrosion, do not use iron, copper or aluminium containers or equipment.

Materials to avoid:

Strong oxidizing agents

Storage stability:

Other data

Store at room temperature.

Reason:

integrity

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value	Form of exposure	Control parameters	Update	Basis
Distillates (petroleum), hydrotreated light	64742-47-8	TWA		200 mg/m <sup>3</sup>	2006-11-29	CA BC OEL
		TWA		197 ppm 1,200 mg/m <sup>3</sup>		

### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Do not breathe vapour. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation.

Keep away from tobacco products. Keep away from food and drink. Wash hands before breaks and immediately after handling the product.

### Individual protection measures, such as personal protective equipment

#### Respiratory protection

When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

# SAFETY DATA SHEET

Ref. /US/EN

**WE-A03P**

Revision Date: 05/20/2015

Print Date:09/22/2015

Previous date: 03/02/2015

---

## Hand protection

Glove material: Chemical resistant gloves.  
Permeability tests are not available for this product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough.

Glove material: Nitrile rubber

## Skin and body protection

### Eye protection

Tightly fitting safety goggles

### Environmental exposure controls

No data available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	liquid, emulsion
<b>Colour</b>	white
<b>Odour</b>	sulphur dioxide
<b>pH</b>	4 - 6 (as aqueous solution)
<b>Initial boiling point and boiling range</b>	Boiling point/boiling range ca. 212 °F
<b>Flash point</b>	> 212 °F (Pensky-Martens)
<b>Evaporation rate</b>	No data available
<b>Explosive properties:</b>	
<b>Lower explosion limit</b>	No data available
<b>Upper explosion limit</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Relative vapour density</b>	No data available

# SAFETY DATA SHEET

Ref. /US/EN

**WE-A03P**

Revision Date: 05/20/2015

Print Date:09/22/2015

Previous date: 03/02/2015

---

<b>Density</b>	ca. 1.0 g/cm <sup>3</sup>
<b>Solubility(ies):</b>	
<b>Water solubility</b>	dispersible
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity:</b>	
<b>Viscosity, kinematic</b>	> 20.5 mm <sup>2</sup> /s ( 104 °F)
<b>Oxidising potential</b>	The substance or mixture is not classified as oxidizing.
<b>Surface tension</b>	No data available

## 10. STABILITY AND REACTIVITY

### Reactivity

### Chemical stability

### Possibility of hazardous reactions

Hazardous reactions: Hazardous polymerisation does not occur.

### Conditions to avoid

Conditions to avoid: Stable under recommended storage conditions.

### Incompatible materials

Materials to avoid: Strong oxidizing agents

### Hazardous decomposition products

Hazardous decomposition products: Carbon oxides (CO<sub>x</sub>)  
Ammonia  
Nitrogen oxides (NO<sub>x</sub>)

Thermal decomposition: Note: No data available

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

# SAFETY DATA SHEET

Ref. /US/EN

**WE-A03P**

Revision Date: 05/20/2015

Print Date:09/22/2015

Previous date: 03/02/2015

---

<b>Acute oral toxicity</b>	<b>Distillates (petroleum), hydrotreated light:</b> />/Rat/5,000 mg/kg/LD50
<b>Acute inhalation toxicity</b>	<b>Distillates (petroleum), hydrotreated light:</b> LC50/Rat/4 h/>/5.2 mg/l
<b>Acute dermal toxicity</b>	<b>Distillates (petroleum), hydrotreated light:</b> LD50/Rabbit/> /2,000 mg/kg
<b>Skin corrosion/irritation</b>	Rabbit Result: Skin irritation Remarks: The toxicological data has been taken from products of similar composition. Conclusion: Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Rabbit Result: May cause mild irritation.  Remarks: The toxicological data has been taken from products of similar composition.  Conclusion: Based on available data, the classification criteria are not met.
<b>Respiratory or skin sensitisation</b>	
<b>Mucous membranes</b>	Conclusion: No data available
<b>Skin sensitisation</b>	Conclusion: Based on available data, the classification criteria are not met.
<b>Skin sensitisation</b>	<b>Distillates (petroleum), hydrotreated light:</b>  Conclusion: This substance is not classified as a sensitizer.
<b>Germ cell mutagenicity</b>	
<b>Genotoxicity in vitro</b>	AMES test Conclusion: No data available
<b>Genotoxicity in vitro</b>	<b>Distillates (petroleum), hydrotreated light:</b>  Conclusion: No known effect.
<b>Genotoxicity in vivo</b>	<b>Distillates (petroleum), hydrotreated light:</b>  Conclusion: not mutagenic



# SAFETY DATA SHEET

Ref. /US/EN

**WE-A03P**

Revision Date: 05/20/2015

Print Date:09/22/2015

Previous date: 03/02/2015

## Carcinogenicity

### Carcinogenicity

**Distillates (petroleum), hydrotreated light:**

Not classified by IARC or NTP.

## Reproductive toxicity

### Toxicity for reproduction

Conclusion: Based on available data, the classification criteria are not met.

### Toxicity for reproduction

**Distillates (petroleum), hydrotreated light:**

Conclusion: Did not show teratogenic effects in animal experiments.

## Aspiration hazard

### Aspiration toxicity

No aspiration toxicity classification

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity effects

#### Aquatic toxicity

Remarks: Ecotoxicological information provided is based on a structurally or compositionally similar product.

LC50/96 h/Branchydanio rerio (zebra fish)/Acute toxicity/OECD Test Guideline 203: > 100 mg/l

Remarks: fresh water

LC50/96 h/Oncorhynchus mykiss (rainbow trout)/Acute toxicity/OECD Test Guideline 203: > 100 mg/l

Remarks: fresh water

EC50/48 h/Daphnia magna (Water flea)/Immobilization/OECD Test Guideline 202: > 100 mg/l

EC50/48 h/Ceriodaphnia dubia (Water flea)/Immobilization/OECD Test Guideline 202: > 100 mg/l

IC50/72 h/Green algae (Selenastrum capricornutum)/Growth inhibition/OECD Test Guideline 201: > 100 mg/l

Remarks: Ecotoxicological information provided is based on a structurally or compositionally similar product.

#### Toxicity to other organisms

No data available

#### Persistence and degradability

Biological degradability:

CO2 Evolution Test/OECD Test Guideline 301B:

The polymeric ingredient is not readily biodegradable.

# SAFETY DATA SHEET

Ref. /US/EN

**WE-A03P**

Revision Date: 05/20/2015

Print Date:09/22/2015

Previous date: 03/02/2015

---

## **Bioaccumulative potential**

Because of the high molecular weight of the polymer diffusion through biological membranes is very small. Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water: No data available

## **Mobility in soil**

Water solubility: dispersible

Surface tension: No data available

## **Other adverse effects**

No data available

Additional ecological information: Ecotoxicological information provided is based on a structurally or compositionally similar product.

## **13. DISPOSAL CONSIDERATIONS**

### **Product**

Recycling, recovery and reuse of materials is recommended if permitted by regulations.If recycling is not practicable, dispose of in compliance with local regulations.Incineration is recommended.

### **Contaminated packaging**

EPA Hazardous Waste - NO.

Packages that cannot be cleaned must be disposed of the same way as the unused product.

## **14. TRANSPORT INFORMATION**

### **Land transport**

Not classified as dangerous in the meaning of transport regulations.

### **Sea transport**

Not classified as dangerous in the meaning of transport regulations.

### **Air transport**

Not classified as dangerous in the meaning of transport regulations.

### **Special precautions for user**

None known.

# SAFETY DATA SHEET

Ref. /US/EN

**WE-A03P**

Revision Date: 05/20/2015

Print Date:09/22/2015

Previous date: 03/02/2015

---

## 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

### **SARA Title III Section 311 Categories**

**Immediate (Acute) Health Effects: Yes;**  
**Delayed (Chronic) Health Effects: No;**  
**Fire Hazard: No;**  
**Sudden Release Of Pressure Hazard: No;**  
**Reactivity Hazard: No;**

### **SARA 302 Extremely Hazardous Substances**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

None Present ()

### **SARA 313 - Specific Toxic Chemical Listings**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

None Present ()

### **California Proposition 65**

Acrylamide (79-06-1) < 0.05 %

Remarks: This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproduction harm.

**Other regulations** : None.

### **Notification status**

- : All components of this product are included in the European Inventory of Existing Chemical Substances (EINECS) or are not required to be listed on EINECS.
- : All components of this product are included in the Australian Inventory of Chemical Substances (AICS) or are not required to be listed on the Australian Inventory of Chemical Substances (AICS).
- : All components of this product are included in the Canada Domestic Substance List (DSL) or are not required to be listed on the Canada Domestic Substance List (DSL).

# SAFETY DATA SHEET

## WE-A03P

Ref. /US/EN

Revision Date: 05/20/2015

Previous date: 03/02/2015

Print Date:09/22/2015

- : All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory.
- : All components of this product are included on the Japanese (ENCS) inventory or are not required to be listed on the Japanese (ENCS) inventory.
- : All components of this product are included in the Korean (ECL) inventory or are not required to be listed on the Korean (ECL) inventory.
- : All components of this product are included on the Philippine (PICCS) inventory or are not required to be listed on the Philippine (PICCS) inventory.
- :
- : All components of this product are included in the United States TSCA Chemical Inventory or are not required to be listed on the United States TSCA Chemical Inventory.
- : All components of this product are NOT included on the New Zealand Inventory of Chemical Substances.
- : All components of this product are included on the Taiwan Toxic Chemical Substances Control Act Inventory.

### 16. OTHER INFORMATION

#### HMIS Rating

Health: 2

Flammability: 1

Reactivity: 0

#### NFPA Rating

Health: 2

Fire: 1

Reactivity: 0

#### Training advice

Read the safety data sheet before using the product.

#### Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

# SAFETY DATA SHEET

Ref. /US/EN

**WE-A03P**

Revision Date: 05/20/2015

Print Date:09/22/2015

Previous date: 03/02/2015

---

## **Sources of key data used to compile the Safety Data Sheet**

Regulations, databases, literature, own tests.

## **Additions, Deletions, Revisions**

Relevant changes have been marked with vertical lines.