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## 1. IDENTIFICATION

### Product information

**Product name**  
**WE-A20**

### Recommended use of the chemical and restrictions on use

#### Use of the Substance/Mixture

Water treatment chemical.

#### Recommended restrictions on use

-

#### Supplier Address

Anderson Chemical Company, 325 South Davis Avenue, Litchfield, MN 55355 (320-693-2477)

#### Emergency telephone number

Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### GHS Classification

Serious eye damage/eye irritation, Category 1,

### GHS-Labeling

Hazard pictograms :



Signal word:

Danger

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**Hazard statements :**

**Hazard statements:**

H318 Causes serious eye damage.

**Precautionary statements :**

**Prevention:**

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**

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. Immediately call a POISON CENTER/ doctor.

Hazardous components which must be listed on the label:

- 68439-50-9 Alcohols, C12-14, ethoxylated
- 68551-12-2 Alcohols, C12-16, ethoxylated
- 68002-97-1 Alcohols, C10-16, ethoxylated

**Hazard(s) not otherwise classified (HNOC) or not covered/classified by GHS**

**Advice;** Contaminated surfaces will be extremely slippery.

**Potential environmental effects;** This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substances /Mixtures**

Mixture  
Chemical nature : Anionic Polyacrylamide, emulsion.

**Hazardous components**

Chemical name	CAS-No.	Concentration[%]
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distillates (petroleum), hydrotreated light	64742-47-8	22 - 25 %
Alcohols, C10-16, ethoxylated	68002-97-1	0 - 3.6 %
Alcohols, C12-14, ethoxylated	68439-50-9	0 - 3.6 %
Alcohols, C12-16, ethoxylated	68551-12-2	0 - 3.6 %
(Z)-Octadec-9-enylamine, ethoxylated	26635-93-8	1.2 - 1.6 %
Ammonium acetate	631-61-8	2 - 10 %

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.

### Further information

Ammonium acetate is not a GHS hazardous component in this product. It is listed because Ammonium Acetate is an EPA Reportable Quantity (RQ) spill hazard substance. See section 14 and 15.

## 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. Obtain prompt medical consultation, preferably from an ophthalmologist.

#### Ingestion

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

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

Symptoms : The possible symptoms known are those derived from the labelling (see section 2). No additional symptoms are known.

### Indication of immediate medical attention and special treatment needed, if necessary

Treatment : All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to

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materials other than this product may have occurred. Treat symptomatically.

## 5. FIREFIGHTING MEASURES

### Suitable extinguishing media

Water spray

Dry chemical

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

### Unsuitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### Special hazards arising from the substance or mixture

Burning may produce toxic and irritant gases.

### Special protective actions for fire-fighters

In the event of fire, wear self-contained breathing apparatus. Use NIOSH/MSHA approved respiratory protection.

### Further information

In the event of fire, cool tanks with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

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.

Chemical resistant boots. For personal protection see section 8.

### Environmental precautions

Should not be released into the environment.

### Methods and materials for containment and cleaning up

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

### Additional advice

For personal protection see section 8.

## 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.

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### Conditions for safe storage, including any incompatibilities

#### Materials for packaging

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

#### Materials to avoid:

No specific hazards.

#### Storage stability:

Storage temperature < 89.6 °F

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

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

### Appropriate engineering controls

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

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

#### Industrial Hygiene

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Ensure that eyewash stations and safety showers are close to the workstation location. Avoid contact with skin, eyes and clothing. Wash hands and face before breaks and immediately after handling the product.

#### Respiratory protection

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

#### Hand protection

Glove material: Impervious gloves, Permeability tests are not available for this product. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product

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is used, such as the danger of cuts, abrasion, and the contact time.

### Skin and body protection

Long sleeved clothing

Chemical resistant protective clothing. Chemical resistant boots.

### Eye protection

Wear eye protection/ face protection. Tightly fitting safety goggles or face-shield. Ensure that eyewash stations and safety showers are close to the workstation location.

(EN 166)

### Environmental exposure controls

Should not be released into the environment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	liquid
<b>Colour</b>	greenish-white
<b>Odour</b>	Petroleum distillates
<b>Odour Threshold</b>	not determined
<b>pH</b>	6 - 9.5
<b>Freezing point/Melting point :</b>	No data available
<b>Initial boiling point and boiling range</b>	similar to water
<b>Flash point</b>	> 213.1 °F (closed cup) (Pensky-Martens)
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	Not classified as a flammability hazard
<b>Explosive properties:</b>	
<b>Lower explosion limit</b>	No data available
<b>Upper explosion limit</b>	No data available
<b>Oxidizing properties</b>	The substance or mixture is not classified as oxidizing.
<b>Vapour pressure</b>	No data available
<b>Relative vapour density</b>	No data available

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<b>Density</b>	similar to water
<b>Relative density</b>	8.93 lb/gal
<b>Bulk density</b>	No data available
<b>Solubility(ies):</b>	1.072 kg/m <sup>3</sup>
<b>Water solubility</b>	Limited by viscosity.
<b>Partition coefficient: n-octanol/water</b>	Not applicable
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity:</b>	
<b>Viscosity, dynamic</b>	No data available
<b>Viscosity, kinematic</b>	> 20.5 mm <sup>2</sup> /s ( 104 °F)
<b>Oxidizing potential</b>	The substance or mixture is not classified as oxidizing.
<b>Surface tension</b>	not determined

## 10. STABILITY AND REACTIVITY

### Reactivity

Not classified as a reactivity hazard.

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

Hazardous polymerisation does not occur.

### Conditions to avoid

Stable under recommended storage conditions.

### Incompatible materials

No specific hazards.

### Hazardous decomposition products

Carbon monoxide (CO)  
Ammonia  
Nitrogen oxides (NOx)  
Sulphur oxides (SOx)  
Carbon dioxide (CO<sub>2</sub>)

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### 11. TOXICOLOGICAL INFORMATION

#### Information on toxicological effects

<b>Acute oral toxicity</b>	LD50/Rat/> 5,000 mg/kg Remarks: estimated  Conclusion: The data is based on the toxicological properties of individual components of the product.
<b>Acute oral toxicity</b>	<b>Distillates (petroleum), hydrotreated light:</b> LD50/Rat/>/5,000 mg/kg
<b>Acute inhalation toxicity</b>	LC50/Rat/4 h/> 20 mg/l Remarks: estimated
<b>Acute inhalation toxicity</b>	<b>Distillates (petroleum), hydrotreated light:</b> LC50/Rat/4 h/>/5.2 mg/l
<b>Acute dermal toxicity</b>	LD50/Rabbit/> 2,000 mg/kg  Remarks: estimated
<b>Acute dermal toxicity</b>	<b>Distillates (petroleum), hydrotreated light:</b> LD50/Rabbit/>/2,000 mg/kg
<b>Skin corrosion/irritation</b>	/OECD Test Guideline 439/Read-across (Analogy)  Conclusion: No skin irritation Rabbit/Draize Test/Read-across (Analogy)
<b>Serious eye damage/eye irritation</b>	Conclusion: No skin irritation /OECD Test Guideline 437/Read-across (Analogy) Conclusion: Causes serious eye damage.
<b>Respiratory or skin sensitisation</b>	
<b>Skin sensitisation</b>	Conclusion: Not sensitizing.
<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>	Conclusion: Based on available data, the classification criteria are not met.



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<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
<b>Carcinogenicity</b>	
<b>Carcinogenicity</b>	<b>Distillates (petroleum), hydrotreated light:</b> Not classified by IARC or NTP.
<b>Reproductive toxicity</b>	
<b>Toxicity for reproduction</b>	<b>Distillates (petroleum), hydrotreated light:</b> Conclusion: Did not show teratogenic effects in animal experiments.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity effects

#### Aquatic toxicity

LC50/96 h/Pimephales promelas (fathead minnow)/US EPA-821-R-02-012: 29.9 mg/l

LC50/48 h/Daphnia magna (Water flea)/US EPA-821-R-02-012: 18.8 mg/l

#### Toxicity to other organisms

No data available

#### Persistence and degradability

Biological degradability:

CO2 Evolution Test/OECD Test Guideline 301B/28 d:

The polymeric ingredient is not readily biodegradable.

#### Bioaccumulative potential

Partition coefficient: n-octanol/water: Not applicable

#### Mobility in soil

Water solubility: Limited by viscosity.

Surface tension: not determined

#### Other adverse effects

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No data is available on the product itself.

## 13. DISPOSAL CONSIDERATIONS

<b>Product</b>	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.
<b>Contaminated packaging</b>	Dispose of in compliance with local and national regulations.

## 14. TRANSPORT INFORMATION

### Land transport

**DOT:**

**Description of the goods:**

**Proper shipping name**

**Class:**

**Packaging group:**

**DOT-Labels**

**Reportable quantity**

NA3082, OTHER REGULATED SUBSTANCES, LIQUID, N.O.S  
(Ammonium acetate )

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III

9

Ammonium acetate

Hazardous Substances/Reportable Quantities - DOT requirements specific to Hazardous Substances only apply if the quantity in one package equals or exceeds the reportable quantity. DOT/CFR: Product contains US EPA CERCLA and CWA Hazardous Substance: Ammonium Acetate (CAS# 631-61-8) having a Reportable Quantity (RQ) of 5000 pounds; (refer to SDS section 3 for amount in product to determine if spilled quantity of product exceeds the Reportable Quantity (RQ) triggering EPA Spill Incident Notification).

### 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

This product is regulated as a hazardous material according to the Department of Transportation only in bulk quantities greater than 49,999 lbs. (22,680 KG) per package.

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## 15. REGULATORY INFORMATION

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

### SARA Title III Section 311 Categories

Serious eye damage/eye irritation, Category 1,

### US. Environmental Protection Agency (EPA); Superfund Amendments and Reauthorization Act (SARA) Section 302 Extremely Hazardous Substances as amended by US Federal Register Final rules.

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

### US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

While this product does not contain any component CAS numbers directly listed under SARA 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA), it does contain ammonia chemical(s) that may be sources per EPA of aqueous ammonia, a reportable chemical. For our customer's use evaluation for reporting purposes we have listed these source chemical(s) below with their quantities when present at >1%. Please refer to EPA Guidance for Reporting Aqueous Ammonia, EPA 745-R-00-005.

Ammonium acetate (631-61-8)

CERCLA Hazardous Substances. 40 CFR Part 302. May be subject to emergency release notification under SARA Title III.

### CERCLA Hazardous substance (Reportable Quantities)

Chemical name	CAS-No.	Reportable quantity
Ammonium acetate	631-61-8	5,000 lb

### California Proposition 65

WARNING: This product contains a chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to

[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Acrylamide (79-06-1) < 9 PPM

Other regulations : None.

### Notification status

European Union : 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.

USA : 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.

Canada : All components of this product are included in the Canada Domestic Substance List (DSL) or are not required to be listed

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Australia	: on the Canada Domestic Substance List (DSL). : 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).
Japan	: All components of this product are NOT included on the Japanese (ENCS) inventory.
South Korea	: All components of this product are NOT included on the Korean (ECL) inventory.
Philippines	: All components of this product are NOT included on the Philippine (PICCS) inventory. : The product contains component(s) which is/are New Substance(s) registered by Kemira with the local authority. Only designated Kemira entity can import or authorize to import into China. Contact Kemira offices for more information.
New Zealand	: All components of this product are included in the New Zealand inventory (NZIoC) or are not required to be listed on the New Zealand inventory(NZIoC).
Taiwan	: All components of this product are included on the Taiwan Toxic Chemical Substances Control Act Inventory.

## 16. OTHER INFORMATION

### HMIS Rating

Health: 3

Flammability: 1

Reactivity: 0

### NFPA Rating

Health: 3

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.

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

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Regulations, databases, literature, own tests.

## **Additions, Deletions, Revisions**

Relevant changes have been marked with vertical lines.

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