

# SAN JOAQUIN CHEMICALS, INC. ... "water is our profession"

WATER CONSULTANTS

# SYSTEMS ENGINEERING

MANUFACTURING CHEMISTS

# SAFETY DATA SHEET

Revision Date: 03/19/2016

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# ANDENTURICATION ORTHERSUBSTANCE MIXTURE AND TO REFER

Product Information

Product name

SANAFLOC 5915-AP Recommended use of the chemical and restrictions on use

Use of the Substance/Mixture

Water treatment chemical Recommended restrictions on use

Supplier's details

SAN JOAQUIN CHEMICALS, INC. 4684 E. Hedges Ave. Fresno, California 93703

24-Hour Emergency Telephone Number: (800) 647- 9577

CHEM-TAL (800) 255-3924

Business Telephone: (559) 252-3727

# 2 HAZARDS DENTIFICATION

# Classification of the substance or mixture

Skin Irritation; Category 2; Causes skin irritation.;

**GHS-Labelling** 

Hazard pictograms

Signal word

Warning

Concord

Fresno Bakersfield Irwindale

Las Vegas

**Phoenix** 

Phone: (800) 647-9577 • e-mail: wearewater@sjc-inc.com • FAX (888) 808-9514

California Contractor License #461677

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 imitation, nausea, vomiting, and diarrhea.

# SECOMPOSITION INFORMATION ON INGREDIENTS

# Substances /Mixtures

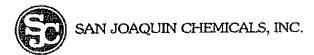
Chemical nature

Anionic polyacrylamide in water-in-oil emulsion.

#### Hazardous components

Chemical Name	CAS-No.	Concentration[%]
Distillates (petroleum), hydrotreated light	64742-47-8	22 - 25 %
Alcohols, C12-16, ethoxylated	68551-12-2	0 ~ 3.6 %
Alcohols, C12-14, ethoxylated	68439-50-9	0 - 3.6 %
Alcohols, C10-16, ethoxylated	68002-97-1	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 WEASURES

### Description of first aid measures

#### General advice

Show this safety data sheet to the doctor in attendance.

#### Inhalation

Remove to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

#### Skin contact

Remove contaminated clothing and shoes. Wash off immediately with plenty of water. Wash contaminated clothing before re-use. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

#### 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

If swallowed, call a poison control centre or doctor immediately. DO NOT induce vomiting unless directed to do so by a physician or polson control center. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

# BY EIRE FIGHTING MEASURES

#### Suitable extinguishing media

Water spray

Dry chemical

Carbon dioxide (CO2)

#### Unsuitable extinguishing media

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

# Special hazards arising from the substance or mixture

No Information available.

#### 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 ACCIDENTAURELEASEMEASURES

#### 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. For personal protection see section 8. Chemical resistant boots.



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# Environmental precautions

Do not flush into surface water or sanitary sewer system.

# 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. After cleaning, flush away traces with water. Use detergent if needed.

# ZEHANDEINE VAND 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

Do not freeze. Store at room temperature in the original container.

#### 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 CONTROL STREETS ON ALTEROTECTION

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/m³	2006-11-29	CA BC OEL
		TWA		197 ppm 1,200 mg/m³		

#### Appropriate engineering controls

Avoid contact with skin and eyes. Do not breathe vapours, aerosols. Do not eat, drink or smoke when using this product. 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

Where exposures are below the established exposure limit, no respiratory protection is required. Where exposures exceed the established exposure limit, use respiratory protection recommended for the material and level of exposure. Where respiratory protection is required based on use and conditions, NIOSH approved respirators should be used.



#### Hand protection

Glove material: impervious gloves, 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 is used, such as the danger of cuts, abrasion, and the contact time.

# Skin and body protection

Chemical resistant protective clothing. Chemical resistant boots.

#### Eye protection

Tightly fitting safety goggles

# ORPHYSICAL AND CHEMICAL PROPERTIES

# Information on basic physical and chemical properties

Physical state

liquid, viscous liquid

Color

white

Odor

hydrocarbon-like

Melting point/range

Melting point/freezing point

-4 °C

Initial boiling point and boiling range

No data available

Flash point

> 215,6 °F (closed cup) (Pensky-Martens)

similar to water

Evaporation rate

Explosive properties:

Lower explosion limit

Upper explosion limit

No data available No data available

Relative vapour density

similar to water

Density

1.03 - 1.06 g/cm<sup>3</sup>

Solubility(ies):

Water solubility

Limited by viscosity.

Partition coefficient: n-

octanol/water

Decomposition temperature

Not applicable

No data available

Viscosity:

Viscosity, kinematic

 $> 20.5 \text{ mm}^2/\text{s} (40 ^{\circ}\text{C})$ 

Oxidising potential

The substance or mixture is not classified as

Saturation in air (% vol.)

No data available

Surface tension

not determined

# TO 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:

No specific hazards.

Hazardous decomposition products

Hazardous decomposition

products:

oxides of nitrogen

ammonia

Sulphur oxides (SOx)
Carbon dioxide (CO2)
Carbon monoxide (CO)

Thermal decomposition:

Note: No data available

# THE TOXICOLOGICAL INFORMATION:

Information on toxicological effects

Acute oral toxicity

Remarks: estimated

/Rat/> 5,000 mg/kg/LD50

Acute oral toxicity

Distillates (petroleum), hydrotreated light:

/>/Rat/5,000 mg/kg/LD50

Acute inhalation toxicity

LC50/Rat/4 h/>/20 mg/lRemarks: estimated

Acute Inhalation toxicity

Distillates (petroleum), hydrotreated light:

LC50/Rat/4 h/>/5.2 mg/l

Acute dermal toxicity

LD50/Rabbit/>
/2,000 mg/kg

Remarks: estimated

Acute dermal toxicity

Distillates (petroleum), hydrotreated light:

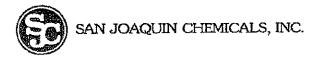
LD50/Rabbit/>/2,000 mg/kg

Skin corrosion/irritation

Remarks: Information given is based on data obtained from

similar substances. Conclusion:

Irritating to skin.



Serious eye damage/eye

irritation

Result: May cause eye irritation.

Conclusion: Not classified as irritating for eyes.

Respiratory or skin sensitisation

Skin sensitisation

Conclusion: Not sensitizing.

Skin sensitisation

Distillates (petroleum), hydrotreated light:

Conclusion: This substance is not classified as a sensitizer.

Germ cell mutagenicity

Genotoxicity in vitro

Ames test

Conclusion: No data available

Carcinogenicity

Carcinogenicity

Distillates (petroleum), hydrotreated light:

Not classified by IARC or NTP.

Reproductive toxicity

# 12 ECOLOGICAL INFORMATION

# Ecotoxicity effects

#### Aquatic toxicity

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

LC50/96 h/Branchydanio rerio (zebra fish)/OECD Test Guldeline 203: > 100 mg/l EC50/48 h/Daphnia magna (Water flea)/Immobilization/OECD Test Guideline 202: > 100 IC50/72 h/Green algae (Selenastrum capricornutum)/Growth inhibition/OECD Test Guideline 201: > 100 mg/l

Remarks: The effects on aquatic organisms are due to an external (non-systemic) mode of action and are significantly reduced (by a factor of 7-20) within 30 minutes due to the binding of the product to dissolved organic carbon and inorganic sorbents such as clays

#### Toxicity to other organisms

No data available

#### Persistence and degradability

Biological degradability: Modified Sturm Test/OECD Test

Guideline 301B: Not readily

biodegradable.



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#### Bioaccumulative potential

Bioaccumulation is unlikely. Because of the high molecular weight of the polymer diffusion through

Partition coefficient: n-octanol/water: Not applicable

#### Mobility in soil

Water solubility: Limited by viscosity. Surface tension: not determined

#### Other adverse effects

No data available

# 16 DISPOSAUSONSIDERATIONS

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.

EPA Hazardous Waste - NO

Contaminated packaging

Dispose of in compliance with local and national regulations.

# 14 TRANSPORT INFORMATION 14 TRANSPORT INFORMAT

UN number

3082

Land transport

DOT:

Description of the goods:

Proper shipping name

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Ammonium acetate)

Class:

Packaging group:

DOT-Labels

9 ]]]

Reportable quantity

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.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.



- : 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 NOT included on the Japanese (ENCS) inventory.
- : All components of this product are NOT included on the Korean (ECL) inventory.
- : 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
- Import into China. Contact Kemira offices for more
  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).
- All components of this product are NOT 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.

# 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.

