



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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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDER TAKING

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 IDENTIFICATION

Classification of the substance or mixture

Skin Irritation; Category 2; Causes skin irritation.;

GHS- Labelling

Hazard pictograms



Signal word

: Warning

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California Contractor License #461677

Hazard statements	:	Hazard statements: H315	Causes skin irritation.
Precautionary statements	:	Prevention: P264 P280	Wash hands thoroughly after handling. 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.

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	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.



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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 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 poison control center. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

5. FIRE 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. 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. 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.

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

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 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 ³	2006-11-29	CA BC OEL
		TWA		197 ppm 1,200 mg/m ³		

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.



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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

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid, viscous liquid
Color	white
Odor	hydrocarbon-like
pH	6 - 8
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)
Evaporation rate	similar to water
Explosive properties:	
Lower explosion limit	No data available
Upper explosion limit	No data available
Relative vapour density	similar to water
Density	1.03 - 1.06 g/cm³
Solubility(ies):	
Water solubility	Limited by viscosity.
Partition coefficient: n-octanol/water	Not applicable
Decomposition temperature	No data available
Viscosity:	
Viscosity, kinematic	> 20,5 mm²/s (40 °C)
Oxidising potential	The substance or mixture is not classified as
Saturation in air (% vol.)	No data available
Surface tension	not determined



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: 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

11. 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/l Remarks: 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 Guideline 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

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

Dispose of in compliance with local and national regulations.

14. TRANSPORT INFORMATION

UN number

3082

Land transport

DOT:

Description of the goods:

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

Proper shipping name

N.O.S. (Ammonium acetate)

Class:

9

Packaging group:

III

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
- : 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.

10 OTHER INFORMATION**HMS 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.

