



# Safety Data Sheet

## Quik Flocc

Revision Date: 07/03/2024

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product information

#### Quik Flocc

#### Use of the Substance/Mixture

Flocculating agent

#### Company Identification

PDSCo, Inc.  
105 W. Sharp St.  
El Dorado, AR 71730  
USA  
Tel – 870 863 5707

#### Emergency telephone number

1-800-424-9300/1-703-527-3887 (CHEMTREC), 1-613-996-6666 (CANUTEC), For Product Information  
1-800-347-1542  
CANUTEC: 1-613-996-6666

### 2. HAZARDS IDENTIFICATION



**Emergency Overview:** Solutions extremely slippery when spilled.

**Skin:** Causes skin irritation.

**Eyes:** May cause eye irritation.

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

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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Chemical characterization

Polyacrylamide in water-in-oil emulsion

#### Hazardous or Regulated Components

CAS-number	Chemical name of the substance	Concentration
64742-47-8	Distillates (petroleum), hydrotreated light	23 - 27 %
68439-50-9	Alcohols, C12-14, ethoxylated	0 - 5 %
68551-12-2	Alcohols, C12-16, ethoxylated	0 - 5 %
68002-97-1	Alcohols, C10-16, ethoxylated	0 - 5 %

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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#### 4. FIRST AID MEASURES

**General advice**

Show this safety data sheet to the doctor in attendance.

**Inhalation**

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

**Skin contact**

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

**Eye contact**

Rinse immediately with plenty of water for at least 15 minutes. Consult a physician if necessary.

**Ingestion**

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

#### 5. FIREFIGHTING MEASURES

**Suitable extinguishing media**

Water spray  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

**Specific hazards during firefighting**

Cool closed containers exposed to fire with water spray.

**Special protective equipment for firefighters.**

Wear full protective clothing and self-contained breathing apparatus.

Use NIOSH/MSHA approved respiratory protection.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**

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. Wear suitable protective clothing and gloves. Chemical resistant boots.

**Environmental precautions**

Try to prevent the material from entering drains or water courses.

**Methods for cleaning up**

Soak up with inert absorbent material. Sweep up and shovel. After cleaning, flush away traces with water. Danger for slipping.

#### 7. HANDLING AND STORAGE

**Handling**

For personal protection see section 8.

**Storage**

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



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Materials for packaging:

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

Materials to avoid:

Strong oxidizing agents

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Limit Values

##### Distillates (petroleum), hydrotreated light

TWA = 200 mg/m<sup>3</sup>, As total hydrocarbon vapor, Skin: Contributes significantly to the overall exposure by the skin route., Jet fuels

TWA = 197 ppm = 1,200 mg/m<sup>3</sup>, : recommendations of the manufacturer

#### Limit values in other countries

World:

Distillates (petroleum), hydrotreated light

#### Exposure controls

##### Occupational exposure controls

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

Wash hands before eating, drinking, or smoking. Keep away from food and drink. Keep away from tobacco products.

##### Respiratory protection

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

##### Hand protection

Glove material: Chemical resistant gloves. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough.

##### Eye protection

Safety glasses with side-shields or Face-shield

##### Skin and body protection

Protective clothing. Avoid contact with skin.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### General Information (appearance, odor)

Physical state

liquid, viscous liquid

Color

white



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**Odor** hydrocarbon-like

### Important health safety and environmental information

**pH** 4 - 6  
**Boiling point/boiling range** ca. 175 °C  
**Flash point** 100 °C (closed cup) (Pensky-Martens)

#### Explosive properties:

**Lower explosion limit**

no data available

**Upper explosion limit**

no data available

**Vapor pressure**

not applicable

**Density**

1 g/cm<sup>3</sup>

**Water solubility**

Limited by viscosity.

**Partition coefficient: n-octanol/water**

no data available

**Relative vapor density**

no data available

**Saturation in air (% vol.)**

no data available

**Evaporation rate**

< 1

#### Other data

**Thermal decomposition**

no data available

**VOC Content:**

;no data available

## 10. STABILITY AND REACTIVITY

### Conditions to avoid

no data available

### Materials to avoid

Strong oxidizing agents

Hazardous reactions :

Hazardous polymerization does not occur.

### Hazardous decomposition products

ammonia, Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO), oxides of nitrogen

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

The acute toxicological results displayed may not be the results of actual testing of this material but based on a similar tested material.



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Product :

LD50/Oral/rat: > 10,000 mg/kg  
Petroleum distillates :

LD50/Oral/rat: > 5,000 mg/kg  
Remarks: estimated

LC50/Inhalation/4 h/rat: > 20 mg/l  
Remarks: estimated

Remarks: Product, :

LD50/Dermal/rabbit: \_ > 10,000 mg/kg  
Remarks: Petroleum distillates, :

LD50/Dermal/rabbit: \_ > 3,160 mg/kg  
Remarks: estimated

### Irritation and corrosion

Skin: rabbit: irritating

Eyes: rabbit: irritating

### Sensitization

: Not sensitizing.

### Long term toxicity

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity effects

#### Aquatic toxicity

Ecotoxicological information provided is based on a structurally or compositionally similar product. This material is not classified as dangerous for the environment.

LC50/96 h/Lepomis macrochirus (bluegill sunfish)/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

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

### Toxicity to other organisms



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Remarks: no data available

### Mobility

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

### Persistence and degradability

#### Biological degradability:

CO2 Evolution Test/OECD Test Guideline 301B:

Because of the high molecular weight of the polymer diffusion through biological membranes is very small. Not readily biodegradable.

### Bioaccumulative potential

Bioaccumulation is unlikely.  
Partition coefficient: n-octanol/water: no data available

### Other adverse effects

no data available

## 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. EPA Hazardous Waste - NO
<b>Contaminated packaging</b>	Packages must be disposed of according to local and national regulations.

## 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.

## 15. REGULATORY INFORMATION



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### WHMIS Classification

D2B Toxic Material Causing Other Toxic Effects

### Notification status

- : 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 included in the Canada Domestic Substance List (DSL) or are not required to be listed on the Canada Domestic Substance List (DSL).
- : 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 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.
- : This product's New Zealand Inventory of Chemical Substances (NZIoC) status has NOT been determined.
- : This product's Taiwan Toxic Chemical Substances Control Act Inventory status has NOT been determined.

### Miscellaneous Information

## 16. OTHER INFORMATION

### HMIS Rating

Health: 2

Flammability: 1



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Reactivity: 0

### **NFPA Rating**

Health: 2

Fire: 1

Reactivity: 0

Special:

### **MSDS preparatory statement**

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.