

Safety Data Sheet

WAT W-3116

1. IDENTIFICATION

Product name	WAT W-3116
Description	Flocculant
Product class	Specialty
Supplier address	1919 Case Parkway North Twinsburg, OH 44087
Telephone numbers	
<u>Company Phone Number</u>	(800) 229-6801
<u>Emergency Telephone</u>	INFOTRAC 800-535-5053

2. HAZARDS IDENTIFICATION

Hazard classification	Eye Irritation, Category 2B
Signal word	Warning
Hazard statements	Causes eye irritation.
Pictograms of related hazards	None
Precautionary statements	

Prevention

Wash skin thoroughly after handling.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately contact a POISON CENTER or health care provider.

If eye irritation persists: Get medical attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Weight %
Petroleum distillate, hydrotreated light	64742-47-8	10–30
Oxylated alcohols	Proprietary	1–5
Non-hazardous substances	Proprietary	>65

4. FIRST-AID MEASURES

Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally to ensure complete rinsing. Remove contact lenses if present and easy to do, then resume rinsing. Get medical attention immediately.
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Skin contact	Immediately remove all contaminated clothing. Rinse with copious amounts of water; use an emergency shower if available. Wash contaminated clothing before reuse.
Ingestion	If swallowed, DO NOT induce vomiting. Rinse mouth and get emergency medical attention. Do not give anything by mouth unless instructed to do so by a poison center or health care provider.
Inhalation	If inhaled, move victim to fresh air. Seek emergency medical attention if breathing is difficult; perform artificial respiration if breathing stops.
Note to health care provider	No specific information; treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use extinguishing media appropriate for the surrounding fire.
Unsuitable extinguishing media	No information available
Protective equipment and precautions for firefighters	Stay upwind of the fire. Full protective equipment including self-contained breathing apparatus should be used. Use water to cool closed containers. Contain water runoff if possible.
Specific hazards	Combustion may produce toxic gases.
Hazardous combustion products	Carbon oxides, nitrogen oxides

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Evacuate the area of all non-essential personnel. Do not touch spilled material without proper protective equipment. Ventilate the area and mitigate further release if it is safe to do so. Avoid contact with eyes.
Methods for clean-up	
<u>Small spills</u>	Contain spill and soak up with an inert absorbent material and place residues in a properly labeled container for disposal. Avoid discharge into sewer or surface water.
<u>Large spills</u>	Contain spill using trenches, diking, or absorption with an inert material (i.e. sand or earth). Reclaim spilled material into recovery or salvage drums or tank truck for proper disposal.

7. HANDLING AND STORAGE

Advice on safe handling	Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Wash hands thoroughly after handling.
Storage conditions	Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers closed when not in use.
Suitable materials of construction	No information available
Unsuitable materials of construction	No information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/face protection	Chemical splash goggles
Skin protection	Chemical-resistant gloves and body-covering clothing
Respiratory protection	Observe published airborne exposure limits. NIOSH approved respirator should be used in accordance with OSHA respiratory protection requirements (29 CFR 1910.134).
Engineering controls	Adequate ventilation, eye-wash station, and emergency shower
General hygiene considerations	Do not eat, drink, or smoke while handling this product.

Chemical Name	OSHA PEL	ACGIH TLV
Petroleum distillate, hydrotreated light	500 ppm	100 ppm
Oxylated alcohols	None established	None established
Non-hazardous substances	None established	None established

9. PHYSICAL AND CHEMICAL PROPERTIES

pH	~8.0
Appearance	Off-white liquid
Odor	Hydrocarbon
Odor Threshold	No information available
Melting/freezing point	-21.6°C (-6.9°F)
Initial boiling point/boiling range	No information available
Flash point	>93.3°C (200°F)
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Upper/lower flammability or explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
VOC content	No information available
Specific gravity	0.994-1.078; 8.3-9.0 lb/gal [bulk density]
Solubility	Emulsifiable
Partition coefficient n-octanol/water	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	200-1,000 mPa·s [dynamic]; 502 mm ² /s (20°C) [kinematic]

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions of storage and handling.
Hazardous polymerization	Polymerization will not occur.

Conditions to avoid	Freezing temperatures
Incompatibilities	Strong oxidizers
Hazardous decomposition products	No known non-thermal decomposition hazards.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure Skin, eyes, ingestion

Acute toxicity

Petroleum distillate, hydrotreated light

Parameter	Result
LD50, Oral (rat)	>5,000 mg/kg
LD50, Dermal (rabbit)	>3,160 mg/kg
LC50, Inhalation (rat)	>20 mg/L
Mammalian Chromosome Aberration Test	No mutagenicity
Draize, Skin (rabbit)	Not irritating
Draize, Eye (rabbit)	Not irritating

Acute symptoms and effects

Eye Eye irritation with or without pain, burning, itching, redness, and discharge.

Skin No product-specific skin contact hazards.

Ingestion Gastrointestinal distress with or without nausea, vomiting, and diarrhea. May cause irritation of the oral and esophageal mucosa.

Inhalation Upper respiratory irritation with or without cough, watering of the eyes, and postnasal drip. Inhalation may cause central nervous system depression with or without dizziness, drowsiness, fatigue, syncope, shortness of breath, and loss of consciousness.

Reproductive effects No information available

Teratogenicity No information available

Mutagenicity No information available

Embryotoxicity No information available

Sensitization to product No information available

Synergistic products No information available

Carcinogenicity No components have been identified as carcinogenic by OSHA, NTP, or IARC.

Chronic No information available

12. ECOLOGICAL INFORMATION

Aquatic toxicity

Petroleum distillate, hydrotreated light

Parameter	Result
96 hr LC0, Rainbow trout	>1,000 mg/L
96 hr LC50, Rainbow trout	>1,000 mg/L
48 hr EC50, Daphnia magna	>1,000 mg/L
72 hr IC0, Pseudokirchneriella subcapitata	>1,000 mg/L
LogPow	3-6

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Parameter	Result
96 hr LC50, Rainbow trout (1% solution)	>1,000 mg/L
96 hr LC50, Rainbow trout	35.7 mg/L
96 hr NOEC, Rainbow trout (1% solution)	1,000 mg/L
96 hr NOEC, Rainbow trout	15.6 mg/L
48 hr LC50, Daphnia magna (1% solution)	>1,000 mg/L
48 hr EC50, Daphnia magna (1% solution)	980 mg/L
48 hr EC50, Daphnia magna	1.71 mg/L
48 hr NOEC, Daphnia magna (1% solution)	150 mg/L
48 hr NOEC, Daphnia magna	1.25 mg/L

Persistence	No information available
Bioaccumulative potential	No information available
Mobility	EPA fugacity distribution estimate: air, 5-10%; water, 30-50%; soil/sediment, 50-70%

13. DISPOSAL CONSIDERATIONS

Disposal	Dispose of in accordance with federal, state, and local regulations. Do not discharge into sewer or surface water.
RCRA status	Discarded product, as sold, would not be considered a RCRA Hazardous Waste.

14. TRANSPORT INFORMATION

US Department of Transportation (DOT)

UN Number	
Proper shipping name	Not regulated
Primary hazard class/division	
Secondary hazard	
Packing group	
Label	

15. REGULATORY INFORMATION

OSHA Hazard Communication Status	Eye Irritation, Category 2B
EPA Registration Number	Not applicable

TSCA

The ingredients of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CERCLAEPA Hazardous Substances (40 CFR 302)

Chemical Name	Reportable Quantity (RQ)
Petroleum distillate, hydrotreated light	None
Oxylated alcohols	None
Non-hazardous substances	None

SARA Title III (Sections 302, 311, 312, and 313)

Section 302 Extremely Hazardous Substances (40 CFR 355)

Chemical Name	CAS#	RQ	TPQ
None			

Section 311 and 312 Health and Physical Hazards

Immediate	Delayed	Fire	Pressure	Reactivity
No	No	No	No	No

Section 313 Toxic Chemicals (40 CFR 372)

Chemical Name	CAS Number	Percent by Weight
None		

California Prop 65

Chemical Name	CAS Number	Hazard
None		

16. OTHER INFORMATION

HMIS Ratings	Health—1; Flammability—1; Reactivity—0
NFPA Ratings	Health—1; Flammability—1; Reactivity—0
HMIS/NFPA Rating Scale	Minimal—0; Slight—1; Moderate—2; Serious—3; Severe—4
SDS Issue Date	3/24/2015
Revision Date	1/29/2019
Version	2

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