



RS 7780 (AFCO 8756)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: 10/03/2025

Version: 25.01.a

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: RS 7780

Product Code: AFCO 8756

Intended Use of the Product:

Use of the Substance/Mixture: Processing aid for industrial applications. For professional use only.

Name, Address, and Telephone of the Responsible Party

Company

AFCO

800 Development Avenue

Chambersburg, PA 17201

T: 800-345-1329

www.afcocare.com

Emergency Telephone Number

Emergency Number : 1-800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US) : Not classified.

Label Elements

GHS-US Labeling

Hazard Symbol (GHS-US) : None.

Signal Word (GHS-US) : None.

Hazard Statements (GHS-US) : None.

Precautionary Statements (GHS-US) : None.

Other Hazards

Other Hazards: Spills produce extremely slippery surfaces.

Unknown Acute Toxicity (GHS-US): Not available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances: Not applicable, this product is a mixture.

Mixture: Contains no reportable hazardous substances.

Full text of H-phrases: see section 16.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: Move to fresh air. No hazards which require special first aid measures.

Skin Contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In case of persistent skin irritation, consult a physician.

Eye Contact: Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain prompt medical attention.

Ingestion: Rinse mouth with water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

Most Important Symptoms and Effects Both Acute and Delayed

None under normal use.

Indication of Any Immediate Medical Attention and Special Treatment Needed

None reasonably foreseeable.

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SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water spray. Foam. Carbon dioxide (CO₂). Dry powder.

Warning! Spills produce extremely slippery surfaces.

Unsuitable Extinguishing Media: None known.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: None.

Explosion Hazard: None.

Reactivity: Thermal decomposition may produce: Hydrogen chloride gas, Nitrogen oxides (NO_x), Carbon oxides (CO, CO₂). Ammonia (NH₃). Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Spills produce extremely slippery surfaces.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including self-contained breathing apparatus.

Hazardous Combustion Products: Thermal decomposition may produce: Hydrogen chloride gas, Nitrogen oxides (NO_x), Carbon oxides (CO, CO₂). Ammonia (NH₃). Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

Other information: Spills produce extremely slippery surfaces. Will not burn until water is evaporated.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not touch or walk-through spilled material. Spills produce extremely slippery surfaces.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper personal protection. (see Section 8 Exposure Controls/Personal Protection).

Emergency Procedures: Keep people away from spill/leak. Prevent further leakage or spillage if safe to do so.

Environmental Precautions

Do not contaminate water.

Methods and Material for Containment and Cleaning Up

Small Spills: Do not flush with water. Soak up with inert absorbant material. Sweep up and shovel into suitable containers for disposal.

Large Spills: Do not flush with water. Dam up. Soak up with inert absorbant material. Sweep up and shovel into suitable containers for disposal.

Residues: After cleaning, flush away traces with water.

Reference to Other Sections

See Section 7: Handling and storage. Section 8: Exposure Controls and Personal Protection. Section 13: Disposal considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with skin and eyes. Renders surfaces extremely slippery when spilled. Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety procedures. Wash hands before eating, drinking, or smoking and again when leaving work. Wash hands and forearms immediately after handling.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material.

Storage Temp: 0 – 35°C / 32 – 95°F

Incompatible Materials: None known.

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Specific End Use(s): Processing aid for industrial applications. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits: None known.

Exposure Controls

Appropriate Engineering Controls: Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal Protective Equipment: Protective goggles. Gloves. Coveralls and/or chemical apron.



Materials for Protective Clothing: PVC or other plastic material. NOSH or EN 166 approved.

Hand Protection: PVC or other plastic material gloves.

Eye Protection: Safety glasses with side-shields.

Skin and Body Protection: Wear coveralls and/or chemical apron and rubber footwear where physical contact can occur.

Respiratory Protection: No personal respiratory protective equipment normally required.

Other Information: Handle in accordance with good industrial hygiene and safety procedures. Wash hands before eating, drinking, or smoking and again when leaving work. Wash hands and forearms immediately after handling.

Environmental Exposure Controls: Do not allow uncontrolled discharge of this product into the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Clear to slightly yellow
Odor	: None
Odor Threshold	: Not available
pH	: 4-8 (See Technical Bulletin or Product Specifications for precise value)
Relative Evaporation Rate (butylacetate=1)	: No data available
Melting Point	: <5°C (<41°F)
Freezing Point	: Not available
Boiling Point	: >100°C (>212°F)
Flash Point	: Does not flash
Auto-ignition Temperature	: Does not self-ignite (based on the chemical structure)
Decomposition Temperature	: >150°C (>302°F)
Flammability (solid, gas)	: Not applicable
Lower Flammable Limit	: Not expected to create explosive atmospheres
Upper Flammable Limit	: Not expected to create explosive atmospheres
Vapor Pressure	: 2.3 kPa @ 20°C
Vapor Density at 20°C	: 0.804 g/L
Relative Density	: 1.0-1.2 (See Technical Bulletin or Product Specifications for precise value)
Solubility	: Completely miscible
Partition coefficient: n-octanol/water	: <0
Viscosity	: See Technical Bulletin
Explosive Properties	: Not expected to be explosive based on the chemical structure
Oxidizing Properties	: Not expected to be oxidizing based on the chemical structure

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under recommended storage conditions.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Protect from frost, heat and sunlight.

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Incompatible Materials: None known.

Hazardous Decomposition Products: Thermal decomposition may produce: Hydrogen chloride gas, Nitrogen oxides (NO_x), Carbon oxides (CO, CO₂). Ammonia (NH₃). Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product as Supplied

LD50 and LC50 Data:

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LD50 Oral Rat	>5000 mg/kg
LD50 Dermal Rat	>5000 mg/kg

Acute Inhalation Toxicity: Testing by the inhalation route is inappropriate because exposure of humans via inhalation is unlikely: the substance has no vapour pressure and there is practically no exposure to inhalable aerosols.

Skin Corrosion/Irritation: Not irritating.

Serious Eye Damage/Irritation: Slightly irritating.

Respiratory or Skin Sensitization: Not sensitizing to skin. No respiratory sensitization has been observed in the workplace.

Germ Cell Mutagenicity: By analogy with similar products, this product is not expected to be mutagenic.

Teratogenicity: Not available.

Carcinogenicity: By analogy with similar substances, this substance is not expected to be carcinogenic.

Specific Target Organ Toxicity (Repeated Exposure): No known effects.

Reproductive Toxicity: By analogy with similar substances, this substance is not expected to be toxic for reproduction.

Specific Target Organ Toxicity (Single Exposure): No known effect.

Aspiration Hazard: No hazards resulting from the material as supplied.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity - Product as Supplied

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LC50 Fish	10-100 mg/l (Exposure time: 96 - Species: Danio rerio)
EC50 Daphnia 1	10-100 mg/l (Exposure time: 48 h - Species: Daphnia magna)
IC50 (Algae)	Algal inhibition tests are not appropriate. The flocculation characteristics of the product interfere directly in the test medium preventing homogenous distribution which invalidates the test.

Chronic Toxicity to Fish: No data available.

Chronic Toxicity to Invertebrates: No data available.

Toxicity to Microorganisms: ECO/activated sludge/0.5 hours = 1000 mg/L (OECD 209).

Effects on Terrestrial Organisms: Exposure to soil is unlikely.

Sediment Toxicity: Exposure to sediment is unlikely.

Persistence and Degradability

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Degradation	Not readily biodegradable.
Hydrolysis	Does not hydrolyse.
Photolysis	No data available.

Bioaccumulative Potential

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Bioaccumulative Potential	Not bioaccumulating.
Partition Coefficient (Log Pow)	<0
Bioconcentration Factor (BCF)	~0

Mobility in Soil: Exposure to soil is not to be expected.

Koc: ~0

Other Adverse Effects: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste (from residues/unused products) Disposal Recommendations: Dispose in accordance with local and national regulations.

Contaminated Packaging: Rinse empty containers with water and use the rinse water to prepare the working solution. If recycling is not practicable, dispose of in compliance with local regulations.

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Recycling: Store containers and offer for recycling of material when in accordance with the local regulations.

SECTION 14: TRANSPORT INFORMATION

- 14.1 In Accordance with DOT** : Not regulated for transport.
14.2 In Accordance with IMDG : Not regulated for transport.
14.3 In Accordance with IATA : Not regulated for transport.
14.4 In Accordance with TDG : Not regulated for transport.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

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TSCA Chemical Substances Inventory	All components of this product are either listed as active on the inventory or are exempt from listing.
SARA Section 311/312 Hazard Classes	Not concerned.
SARA Title III Section 302 (TPQ) Reportable Quantity	Not concerned.
SARA Title III Section 304 Reportable Quantity	Not concerned.
SARA Title III Section 313 (De minimis concentration)	Not concerned.
<u>Clean Water Act</u> Section 311 Hazardous Substance (40 CFR 117.3) Reportable Quantity	Not concerned.
<u>Clean Air Act</u> Section 112 (r) Accidental Release Prevention Requirements (40 CFR 68) Reportable Quantity	Not concerned.
<u>CERCLA</u> Hazardous Substance List (40 CFR 302.4) Reportable Quantity	Not concerned.
RCRA Status	Not RCRA hazardous.

US State Regulations

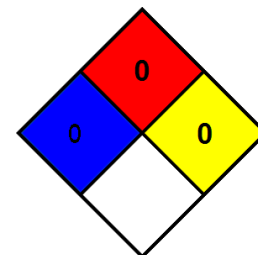
RS 7780 (AFCO 8756)	
U.S. - California - Proposition 65 Information	Not concerned.

Canadian Regulations

No data available.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

- Revision date** : 10/03/2025
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.
GHS Full Text Phrases : None required.
NFPA Health Hazard : 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
NFPA Fire Hazard : 0 - Materials that will not burn.
NFPA Reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

- Health** : 0 - Minimal Hazard - No significant risk to health.
Flammability : 0 - Minimal Hazard.
Physical : 0 - Minimal Hazard.

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Party Responsible for the Preparation of This Document

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

North America GHS SDS 2015 (U.S., Can., Mex.)