



RS 1670 (AFCO 8801)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision Date: 08/17/2023

Version: 1.1

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: RS 1670

Product Code: AFCO 8801

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 : No labeling required.

Hazard Statements (GHS-US) : None required.

Precautionary Statements (GHS-US) : None required.

Other Hazards

Other Hazards Not Contributing to the Classification: Spills produce extremely slippery surfaces. Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US) Not available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
Distillates (petroleum), hydrotreated light	(CAS No) 64742-47-8	20-30	Asp. Tox. 1, H304
Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy-, branched	(CAS No) 69011-36-5	<3	Acute Tox. 4, H302 Eye Dam. 1, H318

Exact percentage composition of substances and/or ingredients may be withheld as a trade secret, in accordance with [29 CFR § 1910.1200 App E].

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: Remove contaminated clothing. Drench affected area with water for several minutes. Obtain medical attention if irritation persists. Wash contaminated clothing before reuse.

Eye Contact: Rinse immediately with plenty of water for several minutes. Get medical attention immediately.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects Both Acute and Delayed

General: None under normal use.

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Inhalation: None.

Skin Contact: None.

Eye Contact: May cause slight eye irritation.

Ingestion: None.

Chronic Symptoms: Not available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water, water fog, dry chemical, carbon dioxide, foam.

Unsuitable Extinguishing Media: N/A.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: None.

Explosion Hazard: None.

Reactivity: When heated to decomposition, emits toxic fumes.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

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

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

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

Other information: Do not allow run-off from fire fighting to enter drains or water courses. Spills produce extremely slippery surfaces.

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

Emergency Procedures: None.

Environmental Precautions

Prevent entry to sewers and public waters.

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. Clean up promptly by scoop or vacuum.

Residues: Soak up with inert absorbant material. After cleaning, flush away traces with water.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: When heated to decomposition, emits toxic fumes.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

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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.

Incompatible Materials: Strong oxidizing agents.

Special Rules on Packaging: Keep only in original container.

Specific End Use(s)

Processing aid for industrial applications. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Distillates (petroleum), hydrotreated light		
USA ACGIH	ACGIH STEL (mg/m ³)	200 mg/m ³ (8 hour)

Exposure Controls

Appropriate Engineering Controls: 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: None usually needed.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Safety goggles.

Skin and Body Protection: Coveralls and/or chemical apron.

Respiratory Protection: None usually needed.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Milky, viscous
Odor	: Aliphatic
Odor Threshold	: Not available
pH	: 4-6 (0.5%)
Relative Evaporation Rate (butylacetate=1)	: Not available
Melting Point	: <5°C
Freezing Point	: Not available
Boiling Point	: >100°C
Flash Point	: Does not flash
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: 2.3 kPa @ 20°C
Relative Vapor Density at 21°C	: Not available
Specific Gravity	: 1.0-1.1
Solubility	: Complete
Partition coefficient: n-octanol/water	: Not available
Viscosity	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.

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Explosion Data – Sensitivity to Static Discharge : Static discharge may present an explosion hazard.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: When heated to decomposition, emits toxic fumes.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur. Oxidizing agents may cause exothermic reactions.

Conditions to Avoid: Heat, frost, sunlight. Incompatible materials.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides (CO, CO₂). Nitrogen Oxides (NO_x). Hydrogen chloride gas. Ammonia. Hydrogen cyanide (hydrocyanic acid).

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not classified.

LD50 and LC50 Data:

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LD50 Oral Rat	>5000 mg/kg

Skin Corrosion/Irritation: Not classified.

Serious Eye Damage/Irritation: May cause slight eye irritation.

Respiratory or Skin Sensitization: Not classified.

Germ Cell Mutagenicity: Not classified.

Teratogenicity: Not available.

Carcinogenicity: Not classified.

Specific Target Organ Toxicity (Repeated Exposure): Not classified.

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity (Single Exposure): Not classified.

Aspiration Hazard: Not classified.

Symptoms/Injuries After Inhalation: None.

Symptoms/Injuries After Skin Contact: None.

Symptoms/Injuries After Eye Contact: May cause slight eye irritation.

Symptoms/Injuries After Ingestion: None.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Distillates (petroleum) hydrotreated light (64742-47-8)	
LC50 Inhalation Rat	4951 mg/kg (4 hr)
Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy-, branched (69011-36-5)	
LD50 Oral Rat	200 - 300 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology – Not available.

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LC50 Fish	10-100 mg/l (Exposure time: 96)
EC50 Daphnia 1	10-100 mg/l (Exposure time: 48 h – Species: Daphnia magna)
Distillates (petroleum) hydrotreated light (64742-47-8)	
LC50 Fish 1	>1000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	>1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy-, branched (69011-36-5)	
LC50 Fish 1	1 - 10 mg/l (Exposure time: 96 h - Species: Cyprinus carpio)
EC50 Daphnia 1	1 - 10 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Persistence and Degradability: Readily biodegradable.

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Bioaccumulative Potential

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Bioaccumulative Potential Not expected to bioaccumulate.

Mobility in Soil Not available.

Other Adverse Effects

Other Information-Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Ecology – Waste Materials: Not established.

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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SARA Section 311/312 Hazard Classes N/A.

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All components of this product are listed or exempt from listing on the United States TSCA (Toxic Substances Control Act) inventory

US State Regulations

None.

Canadian Regulations

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All components of this produce are included or are not required to be listed in the Canada Domestic Substance List (DSL).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

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

Revision date : 08/17/2023

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

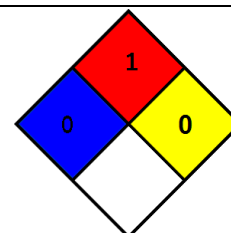
GHS Full Text Phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Asp. Tox. 1	Aspiration hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H318	Causes serious eye damage

NFPA Health Hazard : 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

NFPA Fire Hazard : 1 - Must be preheated before ignition can occur.

NFPA Reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



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HMIS III Rating

Health	: 0 - Minimal Hazard.
Flammability	: 1 - Slight Hazard.
Physical	: 0 - Minimal Hazard.

Party Responsible for the Preparation of This Document

AFCO
800 Development Avenue
Chambersburg, PA 17201
T: 800-345-1329

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.)