



# #90 Mineral Oil (AFCO 8671)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Revision Date: 10/07/2024

Version: 1.2

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Mixture

**Product Name:** #90 Mineral Oil

**Product Code:** AFCO 8671

#### Intended Use of the Product:

**Use of the Substance/Mixture:** Sealant for egg shells. Lubricant, rust preventative for use in food processing plants. For professional use only.

#### Name, Address, and Telephone of the Responsible Party

##### **Company**

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

[www.afcocare.com](http://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:** 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)
White mineral oil	(CAS No) 8042-47-5	100	Not classified

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:** When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation persists. Wash contaminated clothing before reuse.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

**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:** May cause slight eye irritation.

**Inhalation:** None.

**Skin Contact:** None.

# #90 Mineral Oil (AFCO 8671)

## Safety Data Sheet

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

**Eye Contact:** May causes 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 fog, dry chemical carbon dioxide, foam or inert gas.

**Unsuitable Extinguishing Media:** Do not use a direct stream of water. Use of a direct stream of water may cause the material to float and reignite.

### **Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** When heated above its flash point temperature, this material will release flammable vapors which if exposed to an ignition source, can burn in the open. Mists and sprays may be flammable at temperatures below the flash point.

**Explosion Hazard:** May be explosive if heated above flash point, and exposed to ignition source in a confined space.

**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:** Carbon oxides (CO, CO<sub>2</sub>), unidentified organic compounds.

**Other information:** Do not allow run-off from fire fighting to enter drains or water courses.

### **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:** Avoid all contact with skin, eyes, or clothing. Keep away from heat/open flames/hot 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**

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Absorb spill with inert materials such as sand, earth, clay, etc. and in place in container for proper disposal.

**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely. Contact competent authorities after a spill.

### **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. Keep away from heat//open flames/hot surfaces.

**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.

### **Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from extremely high temperatures, open flames, heat, ignition sources, incompatible materials.

# #90 Mineral Oil (AFCO 8671)

## Safety Data Sheet

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

**Incompatible Materials:** Strong Acids, Alkalies, and Oxidizers such as chlorine or oxygen.

**Special Rules on Packaging:** Keep only in original container.

### Specific End Use(s)

Egg shell sealant. Lubricant, rust preventative for use in food processing plants. For professional use only.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

**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. Ensure adequate ventilation in confined areas.

**Personal Protective Equipment:** Protective goggles. Gloves.



**Materials for Protective Clothing:** None usually needed.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical or safety goggles.

**Skin and Body Protection:** None usually needed.

**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	: Clear, colorless
Odor	: None
Odor Threshold	: Not available
pH	: Not available
Relative Evaporation Rate (butylacetate=1)	: Not available
Melting Point	: <12°C (10°F)
Freezing Point	: Not available
Boiling Point	: 235-426.67°C (455-800°F)
Flash Point	: 154.4°C (310°F)
Auto-ignition Temperature	: 346.1°C (655°F)
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 21°C	: <0.1mm Hg
Specific Gravity	: 0.84
Solubility	: Negligible
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.
Explosion Data – Sensitivity to Static Discharge	: Static discharge may present an explosion hazard.

# #90 Mineral Oil (AFCO 8671)

## Safety Data Sheet

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

### 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.

**Conditions to Avoid:** Excessive heat, open flames. Incompatible materials.

**Incompatible Materials:** Strong acids, alkalis, and oxidizers such as chlorine or oxygen.

**Hazardous Decomposition Products:** Burning or excessive heating may produce smoke, carbon monoxide, carbon dioxide.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects - Product

**Acute Toxicity:** Not classified.

**LD50 and LC50 Data:** Not available.

**Skin Corrosion/Irritation:** Not classified. **pH:** N/A.

**Serious Eye Damage/Irritation:** May cause slight eye irritation. **pH:** N/A.

**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 known.

**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:**

White mineral oil (8042-47-5)	
LD50 Oral Rat	>5000 mg/kg
LD50 Dermal Rabbit	>2000 mg/kg

### SECTION 12: ECOLOGICAL INFORMATION

#### Toxicity

**Ecology** – Not available.

**Persistence and Degradability** Not available.

#### Bioaccumulative Potential

#90 Mineral Oil (AFCO 8671)	
Bioaccumulative Potential	Not established.

**Mobility in Soil** Not available.

#### Other Adverse Effects

**Other Information:** Avoid release to the environment.

### 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:** This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

### 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.

# #90 Mineral Oil (AFCO 8671)

## Safety Data Sheet

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

**14.4 In Accordance with TDG** : Not regulated for transport.

## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

**#90 Mineral Oil (AFCO 8671)**

**SARA Section 311/312 Hazard Classes**

N/A.

**White mineral oil (8042-47-5)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

### US State Regulations

**White mineral oil (8042-47-5)**

RTK - U.S. - New Jersey - Right to Know Hazardous Substance List.

### Canadian Regulations

**White mineral oil (8042-47-5)**

Listed on the Canadian DSL (Domestic Substances List) inventory.

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** : 10/07/2024

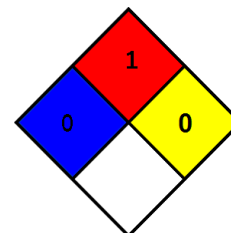
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**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** : 1 - Must be preheated before ignition can occur.

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



### HMIS III Rating

**Health** : 0 - Minimal Hazard.

**Flammability** : 1 - Slight Hazard.

**Physical** : 0 - Minimal Hazard.

### Party Responsible for the Preparation of This Document

AFCO

550 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.)