

## Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)

Initial Preparation Date: 06.09.2026

Page 1 of 10

**Kenwax 0111**

### SECTION 1: Identification

#### Product Identifier

**Product Name:** Kenwax 0111

**Product code:** 4459

#### Recommended Use of the Chemical and Restrictions on Use:

**Recommended Uses:** Bright Stock Petrolatum/Bright Stock Wax

**Restrictions on Use:** Not determined or not applicable.

#### Manufacturer or Supplier Details

##### Manufacturer:

##### United States

American Refining Group  
77 North Kendall Avenue  
Bradford, Pennsylvania 16701  
814-368-1297  
msds@amref.com  
amref.com

#### Emergency Telephone Number:

##### United States

CHEMTREC  
1-800-424-9300 (24 Hours)

##### United States

American Refining Group  
814-368-1297 (24 Hours)

### SECTION 2: Hazard Identification

#### Classification of the chemical in accordance with paragraph (d) of § 1910.1200:

Carcinogenicity, category 1B

#### Label elements

##### Hazard Symbol(s):



**Signal Word:** Danger

##### Hazard statement(s):

H350 May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

##### Precautionary Statement(s):

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

P308+P313 IF exposed or concerned: Get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents/container to ...

**Hazards Not Otherwise Classified:** None

# Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)

Initial Preparation Date: 06.09.2026

Page 2 of 10

Kenwax 0111

## SECTION 3: Composition/Information on Ingredients

Identification	Name	Weight %
CAS Number: 8009-03-8	Petrolatum (Untreated or Mildly Treated)	100

**Additional information:** No additional information

## SECTION 4: First Aid Measures

### Description of Necessary Measures

#### General Notes:

Show this Safety Data Sheet to the doctor in attendance

#### After Inhalation:

Move exposed person to fresh air. Get medical attention if irritation develops  
If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If symptoms develop or persist, seek medical advice/attention

#### After Skin Contact:

In case of contact, immediately flush skin with plenty of soap and water while removing contaminated clothing and shoes. Get medical attention if irritation develops  
Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention

#### After Eye Contact:

Check for and remove any contact lenses. Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical attention if irritation develops  
Rinse eyes with plenty of water for several minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention

#### After Ingestion:

First aid is normally not required. Get medical attention if discomfort develops  
If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention

### Most Important Symptoms and Effects, Both Acute and Delayed

#### Acute Symptoms and Effects:

Not determined or not applicable.

#### Delayed Symptoms and Effects:

Exposure may cause cancer. Effects are dependent on exposure (dose, concentration, contact time)

### Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

#### Immediate Medical Attention:

No additional information.

#### Special Treatment:

No additional information.

#### Notes for the Doctor:

No specific treatment. Treat symptomatically. Contact poison treatment specialist if large quantities have been ingested  
Treat symptomatically

## SECTION 5: Firefighting Measures

# Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)

Initial Preparation Date: 06.09.2026

Page 3 of 10

## Kenwax 0111

### Extinguishing Media

#### Suitable Extinguishing Media:

Use dry chemical, CO<sub>2</sub>, water spray (FOG) or foam  
Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam

#### Unsuitable Extinguishing Media:

Avoid solid water stream as it may scatter and spread fire  
Do not use water jet

### Specific Hazards Arising From The Chemical:

Elevated temperatures can lead to the formation of irritating fumes and vapors. Decomposing products may include the following materials: Carbon dioxide and Carbon monoxide  
Thermal decomposition may produce irritating/toxic fumes/gases

### Special Protective Equipment and Precautions for Fire-Fighters

#### Special Protective Equipment:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode  
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode

#### Special precautions

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts. Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers. Avoid unnecessary run-off of extinguishing media which may cause pollution

## SECTION 6: Accidental Release Measures

### Personal Precautions, Protective Equipment, and Emergency Procedures:

Put on appropriate personal protective equipment  
Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Do not get on skin, eyes or on clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse

### Environmental Precautions:

Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas  
Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided

### Methods and Material for Containment and Cleaning Up:

Stop leak if without risk. A vapor suppressing foam may be used to reduce vapors. Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled container  
Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Avoid breathing dust, mist, fumes, vapors or spray. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13)

## SECTION 7: Handling and Storage

### Precautions for Safe Handling:

Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist.

# Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)

Initial Preparation Date: 06.09.2026

Page 4 of 10

## Kenwax 0111

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

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

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat. Protect from light. Keep in properly labeled containers. Keep out of the reach of children. Incompatibilities: Oxidizing Agents Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

## SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

### Occupational Exposure Limit Values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
NIOSH	Petrolatum (Untreated or Mildly Treated)	8009-03-8	IDLH: 1100 ppm (Petroleum Distillates)
	Petrolatum (Untreated or Mildly Treated)	8009-03-8	REL-TWA: 350 mg/m <sup>3</sup> ([Up to 10 hr] Petroleum Distillates)
	Petrolatum (Untreated or Mildly Treated)	8009-03-8	Ceiling Limit: 1800 mg/m <sup>3</sup> (Petroleum Distillates)
OSHA	Petrolatum (Untreated or Mildly Treated)	8009-03-8	8-Hour TWA-PEL: 2000 mg/m <sup>3</sup> ([500 ppm] Petroleum Distillates)
United States(California)	Petrolatum (Untreated or Mildly Treated)	8009-03-8	8-Hour TWA-PEL: 1600 mg/m <sup>3</sup> ([400 ppm] Petroleum Distillates)

### Biological Limit Values:

No biological exposure limits noted for the ingredient(s).

### Information on Monitoring Procedures:

Not determined or not applicable.

### Appropriate Engineering Controls:

Material should be handled in enclosed vessels and equipment only if heated. Use only in adequate ventilation if this occurs. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

### Individual Protection Measures, Such as Personal Protective Equipment

#### Eye and Face Protection:

Chemical goggles or face shield when heated to prevent hot wax thermal burns.

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

#### Skin and Body Protection:

Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when product is heated to prevent hot wax thermal burns.

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by

# Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)

Initial Preparation Date: 06.09.2026

Page 5 of 10

## Kenwax 0111

recognized national standards (or equivalent).

### Respiratory Protection:

No special requirements under ordinary conditions of use and with adequate ventilation. If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

### General Hygienic Measures:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

## SECTION 9: Physical and Chemical Properties

### Information on Basic Physical and Chemical Properties

<b>Physical state</b>	Semi-Solid
<b>Color</b>	Opaque
<b>Odor (includes odor threshold)</b>	Bland
<b>Melting point/freezing point</b>	155°F
<b>Initial boiling point/range</b>	>625°F
<b>Flammability</b>	Not determined or not available.
<b>Upper flammability/explosive limit</b>	Not determined or not available.
<b>Lower flammability/explosive limit</b>	Not determined or not available.
<b>Flash point</b>	585°F
<b>Auto-ignition temperature</b>	Not determined or not available.
<b>Decomposition temperature</b>	Not determined or not available.
<b>pH</b>	Not determined or not available.
<b>Kinematic viscosity</b>	20 cSt at 100°C mm <sup>2</sup> /s - Product is expected to be solid at 40°C.
<b>Solubilities</b>	Not determined or not available.
<b>Partition coefficient (n-octanol/water)</b>	3.3 to >6
<b>Vapor pressure (includes evaporation rate)</b>	Not determined or not available.
<b>Density and/or relative density</b>	Not determined or not available.
<b>Relative vapor density</b>	Not determined or not available.
<b>Particle characteristics</b>	Not determined or not available.

### Other Information

No additional information.

## SECTION 10: Stability and Reactivity

### Reactivity:

Polymerization will not occur.

Not reactive under recommended handling and storage conditions.

### Chemical Stability:

# Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)

Initial Preparation Date: 06.09.2026

Page 6 of 10

**Kenwax 0111**

Stable under normal conditions.

Stable under recommended handling and storage conditions.

**Possibility of hazardous reactions, including those associated with foreseeable emergencies:**

None, under normal processing.

Hazardous reactions are not anticipated under recommended conditions of handling and storage.

**Conditions to Avoid:**

High temperatures, flames, sparks

Extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

**Incompatible Materials:**

Strong acids and oxidizing materials

**Hazardous Decomposition Products:**

Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological Information

### Acute Toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:** No data available.

**Substance Data:**

Name	Route	Result
Petrolatum (Untreated or Mildly Treated)	oral	LD50 Rat: >5000 mg/kg ([Read-across substance data])
	dermal	LD50 Rabbit: > 2000 mg/kg ([Read-across substance data])

### Skin Corrosion/Irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

### Serious Eye Damage/Irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

### Respiratory or Skin Sensitization

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

Not expected to cause skin or respiratory sensitization.

**Substance Data:** No data available.

### Carcinogenicity

**Assessment:**

May cause cancer.

**Product Data:** No data available.

**Substance Data:**

Name	Species	Result
Petrolatum (Untreated or Mildly Treated)		May cause cancer.

**International Agency for Research on Cancer (IARC):**

# Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)

Initial Preparation Date: 06.09.2026

Page 7 of 10

**Kenwax 0111**

Name	Classification
Petrolatum (Untreated or Mildly Treated)	Not Applicable

### National Toxicology Program (NTP):

Name	Classification
Petrolatum (Untreated or Mildly Treated)	Not Applicable

**OSHA Carcinogens:** Not applicable

### Germ Cell Mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available to indicate product or any components present at greater than .1% are mutagenic or genotoxic.

**Substance Data:** No data available.

### Reproductive Toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available to indicate either product or components present at greater than .1% that may cause reproductive toxicity.

**Substance Data:** No data available.

### Specific Target Organ Toxicity (Single Exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

### Specific Target Organ Toxicity (Repeated Exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

### Information on Likely Routes of Exposure:

No data available.

### Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

No data available.

**Interactive effects:**

No additional information.

**Other Information:**

No additional information.

## SECTION 12: Ecological Information

### Ecotoxicity

#### Acute (Short-Term) Toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:** No data available.

# Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)

Initial Preparation Date: 06.09.2026

Page 8 of 10

Kenwax 0111

## Substance Data:

Name	Result
Petrolatum (Untreated or Mildly Treated)	Fish LC50 Pimephales promelas: >100 mg/L (96 hr [LL50, Read-across substance data])
	Aquatic Invertebrates EC50 Daphnia magna: >10,000 mg/L (48 hr [EL50-mobility, Read-across substance data])
	Aquatic Plants LC50 Raphidocelis subcapitata: >1000 mg/L (72 hr [EL50-growth rate, QSAR substance data])

## Chronic (Long-Term) Toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:** No data available.

## Substance Data:

Name	Result
Petrolatum (Untreated or Mildly Treated)	Fish NOEC Oncorhynchus mykiss: >= 1000 mg/L (28 d [NOEL-mortality, QSAR substance data])
	Aquatic Invertebrates NOEC Daphnia magna: 10 mg/L (21 d [NOEL-reproduction, Read-across substance data])

## Persistence and Degradability

**Product Data:** No data available.

## Substance Data:

Name	Result
Petrolatum (Untreated or Mildly Treated)	The substance is inherently biodegradable. 31% degradation in water, measured by O2 consumption, after 28 days (Read-across substance data).

## Bioaccumulative Potential

**Product Data:** No data available.

## Substance Data:

Name	Result
Petrolatum (Untreated or Mildly Treated)	Standard bioaccumulation studies are not applicable to petroleum UVCB substances.

## Mobility in Soil

**Product Data:** No data available.

## Substance Data:

Name	Result
Petrolatum (Untreated or Mildly Treated)	Standard adsorption/desorption studies are not applicable to petroleum UVCB substances.

## Results of PBT and vPvB assessment

### Product Data:

**PBT assessment:** This product does not contain any substances that are assessed to be a PBT.

**vPvB assessment:** This product does not contain any substances that are assessed to be a vPvB.

### Substance Data:

#### PBT assessment:

Petrolatum (Untreated or Mildly Treated)	Standard PBT studies are not applicable to petroleum UVCB substances.
--	---

#### vPvB assessment:

Petrolatum (Untreated or Mildly Treated)	Standard vPvB studies are not applicable to petroleum UVCB substances.
--	--

**Other Adverse Effects:** No additional information.

# Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)

Initial Preparation Date: 06.09.2026

Page 9 of 10

Kenwax 0111

## SECTION 13: Disposal Considerations

### Disposal Methods:

The generation of waste should be avoided or minimized wherever possible. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

### Contaminated packaging:

Not determined or not applicable.

## SECTION 14: Transport Information

### United States Transportation of Dangerous Goods (49 CFR DOT)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

### International Maritime Dangerous Goods (IMDG)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Bulk Name	Not Applicable
Ship Type	Not Applicable
Pollution Category	Not Applicable

## SECTION 15: Regulatory Information

### United States Regulations

**Inventory Listing (TSCA):** All ingredients are listed-active or exempt.

**Significant New Use Rule (TSCA Section 5):** None of the ingredients are listed.

**Export Notification under TSCA Section 12(b):** None of the ingredients are listed.

**SARA Section 302 Extremely Hazardous Substances:** None of the ingredients are listed.

# Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)

Initial Preparation Date: 06.09.2026

Page 10 of 10

**Kenwax 0111**

**SARA Section 313 Toxic Chemicals:** None of the ingredients are listed.

**CERCLA:** None of the ingredients are listed.

**RCRA:** None of the ingredients are listed.

**Section 112(r) of the Clean Air Act (CAA):** None of the ingredients are listed.

**Massachusetts Right to Know:** None of the ingredients are listed.

**New Jersey Right to Know:**

8009-03-8	Petrolatum (Untreated or Mildly Treated)	Listed
-----------	--	--------

**New York Right to Know:** None of the ingredients are listed.

**Pennsylvania Right to Know:**

8009-03-8	Petrolatum (Untreated or Mildly Treated)	Listed
-----------	--	--------

**California Proposition 65:** None of the ingredients are listed.

**Additional information:** No additional information.

## SECTION 16: Other Information

### Disclaimer:

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**NFPA:** 0-1-0

**HMIS:** 0-1-0

**Initial Preparation Date:** 06.09.2026

**End of Safety Data Sheet**