



## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial Preparation Date:** 01.22.2025

Page 1 of 11

**Revision date:** 01.12.2026

**Kendex 0866**

### SECTION 1: Identification

#### Product Identifier

**Product Name:** Kendex 0866

**Product code:** 4586

#### Recommended Use of the Product and Restriction on Use

**Relevant Identified Uses:** Bright Stock Extract

**Uses Advised Against:** Not determined or not applicable.

**Reasons Why Uses Advised Against:** 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(s) Identification

#### GHS Classification:

Skin irritation, category 2  
Eye irritation, category 2B  
Germ cell mutagenicity, category 2  
Carcinogenicity, category 2

#### Label elements

##### Hazard Pictograms:



**Signal Word:** Warning

#### Hazard statements:

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial Preparation Date:** 01.22.2025

Page 2 of 11

**Revision date:** 01.12.2026

**Kendex 0866**

H315 Causes skin irritation  
H320 Causes eye irritation  
H341 Suspected of causing genetic defects.  
H351 Suspected of causing cancer.

## Precautionary Statements:

P202 Do not handle until all safety precautions have been read and understood  
P280 Wear protective gloves, protective clothing, eye protection and face protection.  
P264 Wash skin thoroughly after handling.  
P308+P313 If exposed or concerned: Get medical advice/attention.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical attention.  
P302+P352 IF ON SKIN: Wash with plenty of water and soap.  
P321 Specific treatment (see Sections 4-8 of this SDS and any supplemental information on the product label).  
P332+P313 If skin irritation occurs: Get medical advice/attention  
P362 Take off contaminated clothing and wash it before reuse.  
P405 Store locked up.  
P501 Dispose of contents and container in accordance with federal, state and local regulations.

**Hazards Not Otherwise Classified:** None

## SECTION 3: Composition/Information on Ingredients

Identification	Name	Weight %
CAS Number: 64742-10-5	Extracts (petroleum), residual oil solvent	100

**Additional Information:** None

## SECTION 4: First Aid Measures

### Description of First Aid Measures

#### General Notes:

Show this Safety Data Sheet to the doctor in attendance.

#### After Inhalation:

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.

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 experiencing respiratory symptoms, seek medical advice/attention.

#### After Skin Contact:

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:

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.

Rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial Preparation Date:** 01.22.2025

Page 3 of 11

**Revision date:** 01.12.2026

**Kendex 0866**

present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

## After Swallowing:

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:

Eye contact may result in irritation, redness, pain, inflammation, itching, burning and tearing.  
Skin contact may result in redness, pain, burning and inflammation.

### Delayed Symptoms and Effects:

Suspected of causing cancer. Effects are dependent on exposure (dose, concentration, contact time).  
Effects are dependent on exposure (dose, concentration, contact time).  
Exposure may cause genetic defects. Effects are dependent on exposure (dose, concentration, contact time).

## Immediate Medical Attention and Special Treatment

### Specific Treatment:

Not determined or not applicable.

### Notes for the Doctor:

Treat symptomatically.

## SECTION 5: Firefighting Measures

### Extinguishing Media

#### Suitable Extinguishing Media:

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

#### Unsuitable Extinguishing Media:

Do not use water jet.

### Specific Hazards During Fire-Fighting:

Thermal decomposition may produce irritating/toxic fumes/gases.

### Special Protective Equipment for Firefighters:

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:

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.

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial Preparation Date:** 01.22.2025

Page 4 of 11

**Revision date:** 01.12.2026

**Kendex 0866**

personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

## Environmental Precautions:

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:

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).

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. 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).

## Reference to Other Sections:

For personal protective equipment see Section 8. For disposal see Section 13.

## SECTION 7: Handling and Storage

### Precautions for Safe Handling:

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:

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
OSHA	Extracts (petroleum), residual oil solvent	64742-10-5	8-Hour TWA-PEL: 5 mg/m <sup>3</sup> (oil mist [mineral])
NIOSH	Extracts (petroleum), residual oil solvent	64742-10-5	REL-TWA: 5 mg/m <sup>3</sup> (up to 10 hr [oil mist (mineral)])
	Extracts (petroleum), residual oil solvent	64742-10-5	STEL: 10 mg/m <sup>3</sup> (oil mist [mineral])
	Extracts (petroleum), residual oil solvent	64742-10-5	IDLH: 2500 mg/m <sup>3</sup> (oil mist [mineral])
ACGIH	Extracts (petroleum), residual oil solvent	64742-10-5	TLV-TWA: 5 mg/m <sup>3</sup> (8 hr [mineral oil, excluding metal working fluids, pure, highly and severely refined, inhalable fraction])
United States(California)	Extracts (petroleum), residual oil solvent	64742-10-5	8-Hour TWA-PEL: 5 mg/m <sup>3</sup> (oil mist [mineral], particulate)

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial Preparation Date:** 01.22.2025

Page 5 of 11

**Revision date:** 01.12.2026

**Kendex 0866**

## Biological Limit Values:

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

## Information on Monitoring Procedures:

Not determined or not applicable.

## Appropriate Engineering Controls:

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).

## Personal Protection Equipment

### Eye and Face Protection:

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 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 recognized national standards (or equivalent).

### Respiratory Protection:

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.

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.

## General Hygienic Measures:

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>Appearance</b>	Opaque
<b>Odor</b>	Petroleum Oil
<b>Odor threshold</b>	Not determined or not available.
<b>pH</b>	Not determined or not available.
<b>Melting point/freezing point</b>	Not determined or not available.
<b>Initial boiling point/range</b>	Not determined or not available.
<b>Flash point (closed cup)</b>	585°F
<b>Evaporation rate</b>	Not determined or not available.
<b>Flammability (solid, gas)</b>	Not determined or not available.
<b>Upper flammability/explosive limit</b>	Not determined or not available.

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial Preparation Date:** 01.22.2025

Page 6 of 11

**Revision date:** 01.12.2026

**Kendex 0866**

<b>Lower flammability/explosive limit</b>	Not determined or not available.
<b>Vapor pressure</b>	Not determined or not available.
<b>Vapor density</b>	Not determined or not available.
<b>Density</b>	Not determined or not available.
<b>Relative density</b>	8.0 lbs/gal
<b>Solubilities</b>	Not determined or not available.
<b>Partition coefficient (n-octanol/water)</b>	4.4 - >6
<b>Auto/Self-ignition temperature</b>	Not determined or not available.
<b>Decomposition temperature</b>	Not determined or not available.
<b>Dynamic viscosity</b>	Not determined or not available.
<b>Kinematic viscosity</b>	> 130 cSt (40°C mm <sup>2</sup> /s)
<b>Explosive properties</b>	Not determined or not available.
<b>Oxidizing properties</b>	Not determined or not available.

## SECTION 10: Stability and Reactivity

### Reactivity:

Not reactive under recommended handling and storage conditions.

### Chemical Stability:

Stable under recommended handling and storage conditions.

### Possibility of Hazardous Reactions:

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

### Conditions to Avoid:

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

### Incompatible Materials:

None known.

### Hazardous Decomposition Products:

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
Extracts (petroleum), residual oil solvent	oral	LD50 Rat: > 5000 mg/kg
	dermal	LD50 Rabbit: > 3000 mg/kg
	inhalation	LC50 Rat: > 5 mg/L (4 hr [aerosol])

### Skin Corrosion/Irritation

#### Assessment:

Causes skin irritation.

#### Product Data:

No data available.

#### Substance Data:

No data available.

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial Preparation Date:** 01.22.2025

Page 7 of 11

**Revision date:** 01.12.2026

**Kendex 0866**

## Serious Eye Damage/Irritation

### Assessment:

Causes eye irritation.

### 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:

No data available.

**Substance Data:** No data available.

## Carcinogenicity

### Assessment:

Suspected of causing cancer.

**Product Data:** No data available.

**Substance Data:**

Name	Species	Result
Extracts (petroleum), residual oil solvent		Suspected of causing cancer.

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

Name	Classification
Extracts (petroleum), residual oil solvent	Not Applicable

## National Toxicology Program (NTP):

Name	Classification
Extracts (petroleum), residual oil solvent	Not Applicable

**OSHA Carcinogens:** Not applicable

## Germ Cell Mutagenicity

### Assessment:

Suspected of causing genetic defects.

### Product Data:

No data available.

**Substance Data:** No data available.

## Reproductive Toxicity

**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 (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)

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial Preparation Date:** 01.22.2025

Page 8 of 11

**Revision date:** 01.12.2026

**Kendex 0866**

**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.

**Other Information:**

No data available.

## SECTION 12: Ecological Information

**Acute (Short-Term) Toxicity**

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

**Product Data:** No data available.

**Substance Data:**

Name	Result
Extracts (petroleum), residual oil solvent	Fish LC50 <i>Oncorhynchus mykiss</i> : > 1000 mg/L (96 hr [LL50 - Mortality])
	Aquatic Invertebrates EC50 <i>Daphnia magna</i> : > 1000 mg/L (48 hr [EL50 - Immobilization])
	Aquatic Plants EC50 <i>Raphidocelis subcapitata</i> : > 1000 mg/L (72 hr [EL50 - Growth rate])

**Chronic (Long-Term) Toxicity**

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

**Product Data:** No data available.

**Substance Data:**

Name	Result
Extracts (petroleum), residual oil solvent	Aquatic Invertebrates NOEC <i>Daphnia magna</i> : >= 1000 mg/L (21 d [NOEL - Reproduction])

**Persistence and Degradability**

**Product Data:** No data available.

**Substance Data:**

Name	Result
Extracts (petroleum), residual oil solvent	The substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.

**Bioaccumulative Potential**

**Product Data:** No data available.

**Substance Data:**

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial Preparation Date:** 01.22.2025

Page 9 of 11

**Revision date:** 01.12.2026

**Kendex 0866**

Name	Result
Extracts (petroleum), residual oil solvent	The substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.

## Mobility in Soil

**Product Data:** No data available.

### Substance Data:

Name	Result
Extracts (petroleum), residual oil solvent	The substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.

## 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:

Extracts (petroleum), residual oil solvent	The substance is not PBT.
--	---------------------------

#### vPvB assessment:

Extracts (petroleum), residual oil solvent	The substance is not vPvB.
--	----------------------------

**Other Adverse Effects:** No data available.

## 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 packages:

Not determined or not applicable.

## SECTION 14: Transport Information

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

<b>UN Number</b>	3257
<b>UN Proper Shipping Name</b>	Elevated Temperature Liquid Petroleum Lubricating Oil
<b>UN Transport Hazard Class(es)</b>	9
<b>Packing Group</b>	III
<b>Environmental Hazards</b>	None
<b>Special Precautions for User</b>	None
<b>Additional Information</b>	Only considered hazardous if the material is "offered for transport" at or above 212 degrees Fahrenheit.



### International Maritime Dangerous Goods (IMDG)

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial Preparation Date:** 01.22.2025

Page 10 of 11

**Revision date:** 01.12.2026

**Kendex 0866**

<b>UN Number</b>	3257
<b>UN Proper Shipping Name</b>	Elevated Temperature Liquid Petroleum Lubricating Oil
<b>UN Transport Hazard Class(es)</b>	9 
<b>Packing Group</b>	III
<b>Environmental Hazards</b>	None
<b>Special Precautions for User</b>	None
<b>Additional Information</b>	Only considered hazardous if the material is "offered for transport" at or above 212 degrees Fahrenheit.

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

<b>UN Number</b>	3257
<b>UN Proper Shipping Name</b>	Elevated Temperature Liquid Petroleum Lubricating Oil
<b>UN Transport Hazard Class(es)</b>	9 
<b>Packing Group</b>	III
<b>Environmental Hazards</b>	None
<b>Special Precautions for User</b>	None
<b>Additional Information</b>	Only considered hazardous if the material is "offered for transport" at or above 212 degrees Fahrenheit.

## 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.

**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:**

64742-10-5	Extracts (petroleum), residual oil solvent	Listed
------------	--	--------

**New Jersey Right to Know:**

64742-10-5	Extracts (petroleum), residual oil solvent	Listed
------------	--	--------

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

**Pennsylvania Right to Know:**

64742-10-5	Extracts (petroleum), residual oil solvent	Listed
------------	--	--------

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

**Additional information:** Not determined.

## SECTION 16: Other Information

## **Safety Data Sheet**

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial Preparation Date:** 01.22.2025

Page 11 of 11

**Revision date:** 01.12.2026

**Kendex 0866**

**Abbreviations and Acronyms:** None

**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:** 1-1-0

**HMIS:** 1-1-0

**Initial Preparation Date:** 01.22.2025

**Revision date:** 01.12.2026

**End of Safety Data Sheet**