



SECTION 1: Identification

1.1 Product identifier

Product name Ocean Polymer
Product number 2501

1.4 Supplier's details

Name Ardex Labs.
Address 2050 Byberry Rd
Philadelphia, PA 19116
United States of America

Telephone 2156980500
email info@ardexlabs.com

1.5 Emergency phone number(s)

800-424-9300
CHEMTREC – TOLL FREE 24 HOUR EMERGENCY TELEPHONE
NUMBER

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Eye damage/irritation (chapter 3.3), Cat. 2B
- Flammable liquids (chapter 2.6), Cat. 4
- Skin corrosion/irritation (chapter 3.2), Cat. 3

2.2 GHS label elements, including precautionary statements

Signal word

Warning

Hazard statement(s)

H227

H316

H320

Combustible liquid

Causes mild skin irritation

Causes eye irritation

Precautionary statement(s)

P210

P264

P280

P305+P351+P338

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

Wash hands and exposed skin thoroughly after handling.

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

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.



P332+P313
P337+P313
P370+P378
P403+P235
P501

If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
In case of fire: Use foam/CO2 to extinguish.
Store in a well ventilated place. Keep cool.
Dispose of contents/container to local, state, and federal regulations

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Component	Concentration
Distillates (petroleum), hydrotreated light (CAS no.: 64742-47-8)	< 40 %
CLASSIFICATIONS: Flammable liquids (chapter 2.6), Cat. 4; Aspiration hazard (chapter 3.10), Cat. 1. HAZARDS: No data available.	
Kaopolite (CAS no.: 92704-41-1)	< 20 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
POLYDIMETHYLSILOXANES (CAS no.: 63148-62-9)	< 20 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

Trade secret statement (OSHA 1910.1200(i))

The specific chemical identities of the ingredients in this mixture are considered to be trade secrets and are withheld in accordance with the provisions of 1910.1200 of the code of federal regulations

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).
If inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
In case of skin contact	Remove contaminated clothing. Drench affected area with water or soap and water for at least 15 minutes. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
If swallowed	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.
Personal protective equipment for first-aid responders	See Section 8 for exposure and PPE recommendations

4.2 Most important symptoms/effects, acute and delayed

General: Causes skin irritation.
Inhalation: May cause respiratory irritation.



Skin Contact: Causes skin irritation. Symptoms may include: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Eye Contact: May cause eye irritation.

Ingestion: May be harmful if ingested in large quantities.

Chronic Symptoms: None expected under normal conditions of use.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Suitable Extinguishing Media: Dry chemical, carbon dioxide, foam, water spray.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2 Specific hazards arising from the chemical

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3 Special protective actions for fire-fighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

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

Hazardous Combustion Products: Carbon oxides (CO, CO₂).

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

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

Emergency Procedures: Evacuate unnecessary personnel.

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and materials for containment and cleaning up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

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 when leaving work.

7.2 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 direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

Specific end use(s)

Paint correction and protection.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

CAS: 92704-41-1

Kaopolite

ACGIH: 2mg/m³ TWA inhalation; OSHA: 5mg/m³ TWA inhalation; 15mg/m³ TWA inhalation

8.2 Appropriate engineering controls

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. 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.

8.3 Individual protection measures, such as personal protective equipment (PPE)**Pictograms****Eye/face protection**

Chemical goggles or safety glasses.

Skin protection

Wear suitable protective clothing.

Body protection

Chemically resistant materials and fabrics.

Respiratory protection

If exposure limits are not known or are exceeded or irritation is experienced, approved respiratory protection should be worn.



Thermal hazards

No data available.

Environmental exposure controls

Do not allow the product to be released into the environment.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Thick Liquid [COLOR]
Odor	Hydrocarbon-Fruity odor
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	18 °F (-7.78 °C)
Initial boiling point and boiling range	210 - 212 °F (98.9 - 100 °C)
Flash point	176°F ASTM D93- Procedure B (Pensky Marten closed cup)
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	1.00 - 1.45
Solubility(ies)	Dispersible
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	14000 cP
Explosive properties	No data available.
Oxidizing properties	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Hazardous reactions will not occur under normal conditions

10.2 Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4 Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Incompatible materials

10.5 Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

10.6 Hazardous decomposition products

Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information**Information on toxicological effects****Acute toxicity**

Distillates (petroleum), hydrotreated light: Acute dermal toxicity

LD50 rabbit: 2,000 - 4,000 mg/kg

Acute inhalation toxicity

LC50 rat (4 hours): > 6.8 mg/l

All rats survived at indicated concentration.

Acute oral toxicity

LD50 rat: > 5,000 mg/kg

POLYDIMETHYLSILOXANES: Acute oral toxicity : LD50 (Rat): > 15,400 mg/kg

Assessment: The substance or mixture has no acute oral toxicity

Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

Assessment: The substance or mixture has no acute dermal toxicity

Remarks: Based on data from similar materials

Skin corrosion/irritation

Distillates (petroleum), hydrotreated light: Skin corrosion/irritation

Primary irritation (rabbit): 2.2 (Max. score is 8.0.)

POLYDIMETHYLSILOXANES: Not classified based on available information.

Serious eye damage/irritation

Distillates (petroleum), hydrotreated light: Eye damage/irritation

Primary irritation (rabbit): 3.3 (Max. score is 110.)

POLYDIMETHYLSILOXANES: Species: Rabbit

Result: No eye irritation

Remarks: Based on data from similar materials

Respiratory or skin sensitization



Distillates (petroleum), hydrotreated light: No data available.

POLYDIMETHYLSILOXANES: Skin sensitization: Not classified based on available information.
Respiratory sensitization: Not classified based on available information.
Test Type: Maximization Test (GPMT)
Species: Guinea pig
Remarks: Based on test data

Germ cell mutagenicity

Distillates (petroleum), hydrotreated light: No data available.

POLYDIMETHYLSILOXANES: Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)
Result: negative
Remarks: Based on data from similar materials

Carcinogenicity

Distillates (petroleum), hydrotreated light: Contains no ingredient listed as a carcinogen

POLYDIMETHYLSILOXANES: Not classified based on available information.
Species: Rat
Application Route: Ingestion
Result: negative
Remarks: Based on data from similar materials
Carcinogenicity - Assessment
: Animal testing did not show any carcinogenic effects.

Reproductive toxicity

Distillates (petroleum), hydrotreated light: No data available.

POLYDIMETHYLSILOXANES: Effects on fertility : Species: Rabbit, male
Application Route: Ingestion
Symptoms: No effects on fertility.
Remarks: Based on data from similar materials
Effects on fetal development : Test Type: Prenatal development toxicity study (teratogenicity)
Species: Rabbit, female
Application Route: Skin contact
Symptoms: No effects on fetal development.
Remarks: Based on test data
Reproductive toxicity - Assessment
: No evidence of adverse effects on sexual function and fertility,



or on development, based on animal experiments.

Summary of evaluation of the CMR properties

Distillates (petroleum), hydrotreated light: No data available.

POLYDIMETHYLSILOXANES: IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

STOT-single exposure

Distillates (petroleum), hydrotreated light: No data available.

POLYDIMETHYLSILOXANES: Not classified based on available information.

STOT-repeated exposure

Distillates (petroleum), hydrotreated light: No data available.

POLYDIMETHYLSILOXANES: Not classified based on available information.

Routes of exposure: Ingestion
Assessment: No significant health effects observed in animals at concentrations of 100 mg/kg bw or less.
Routes of exposure: Skin contact
Assessment: No significant health effects observed in animals at concentrations of 200 mg/kg bw or less.

Aspiration hazard

Distillates (petroleum), hydrotreated light: No data available.

SECTION 12: Ecological information

Toxicity

Distillates (petroleum), hydrotreated light: Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility.

Distillates (petroleum), solvent-dewaxed light paraffinic: 64742-56-9 Distillates, petroleum, solvent-dewaxed light paraffinic EC50 1000mg/L 48h Daphnia magna IUCLID

POLYDIMETHYLSILOXANES: Toxicity to daphnia and other aquatic invertebrates
: EC50 (Daphnia magna (Water flea)): > 200 mg/l
Exposure time: 48 h

Persistence and degradability

Distillates (petroleum), hydrotreated light: Biodegradation
Readily biodegradable.
OECD Test Guideline 301F (28 d): 85 %
Test substance: LPA[®] 170 Solvent

POLYDIMETHYLSILOXANES: No data available.

Bioaccumulative potential

Distillates (petroleum), hydrotreated light: No data available.

Mobility in soil

Distillates (petroleum), hydrotreated light: No data available.

Results of PBT and vPvB assessment

Distillates (petroleum), hydrotreated light: No data available.

Other adverse effects

Distillates (petroleum), hydrotreated light: No data available.

SECTION 13: Disposal considerations

Disposal of the product

Sewage Disposal Recommendations: This material is hazardous to the aquatic environment. Keep out of sewers and waterways.



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

Disposal of contaminated packaging

Dispose of as unused product.

Waste treatment

Dispose of only in accordance with local, state, and federal regulations.

Sewage disposal

Do not dispose of product in sewers.

Other disposal recommendations

No data available.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Toxic Substances Control Act (TSCA) Inventory

Distillates, petroleum, hydrotreated light: CAS: 64742-47-8

SARA 311/312 Hazards

Fire Hazard; immediate acute health hazard: Distillates, petroleum, hydrotreated light: CAS: 64742-47-8

Regulatory Status

The raw material for calcined kaolin is "kaolin" CAS#1332-58-7). Kaolin is generally recognized as safe (GRAS) under the FDA in accordance with 21 CFR 186.1256. Additionally, kaolin is established as a component of the uncoated or coated food-contact surface of paper and paperboard in accordance with 21 CFR 176.170 (aqueous and fatty foods) and 21 CFR 176.180 (dry foods).

California Prop. 65 Components

Kaolin CAS: 92704-41-1

This product contains trace levels of one or more naturally-occurring materials known to the State of California to cause cancer, birth defects, or other reproductive harm

Massachusetts Right To Know Components

Kaolin CAS: 92704-41-1

Rhode Island Right to Know

Kaolin CAS: 92704-41-1



Minnesota Right to Know

Kaolin CAS: 92704-41-1

Pennsylvania Right To Know Components

Kaolin CAS: 92704-41-1

Dimethyl siloxane, trimethylsiloxy-terminated 63148-62-9 90 - 100 %

New Jersey Right To Know Components

Kaolin CAS: 92704-41-1

Dimethyl siloxane, trimethylsiloxy-terminated 63148-62-9 90 - 100 %

SECTION 16: Other information

Revision Date:

05/22/2017

Other Information:

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

Party Responsible for the Preparation of This Document

Ardex Laboratories, Inc. 2050 Byberry rd Philadelphia, PA 19116 T: 215-698-0500 ardexlabs.com

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 US 2012