

Safety Data Sheet
Rapid Wax

SECTION 1: Identification

Product identifier

Product name Rapid Wax

Product number 4298

Recommended use of the chemical and restrictions on use

Automotive detailing product

Supplier's details

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

Telephone 2156980500
email info@ardexlabs.com

Emergency phone number(s)

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

SECTION 2: Hazard identification

Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

- Flammable liquids (chapter 2.6), Cat. 4
- Sensitization, skin (chapter 3.4), Cat. 1

GHS label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H227 Combustible liquid
H317 May cause an allergic skin reaction

Safety Data Sheet

Rapid Wax

Precautionary statement(s)

Prevention

P210

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

P261

Avoid breathing dust/fume/gas/mist/vapours/spray.

P272

Contaminated work clothing should not be allowed out of the workplace.

P280

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

Response

P302+P352

IF ON SKIN: Wash with plenty of water/...

P321

Specific treatment (see ... on this label).

P333+P313

If skin irritation or a rash occurs: Get medical advice/attention.

P362+P364

Take off contaminated clothing and wash it before reuse.

P370+P378

In case of fire: Use foam/water-spray/suitable for the surrounding fire/ to extinguish.

Storage

P403+P235

Store in a well ventilated place. Keep cool.

Disposal

P501

Dispose of contents/container to local, state, and federal regulations

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Distillates (petroleum), hydrotreated light (CAS no.: 64742-47-8)	<= 1 % (Weight)
CLASSIFICATIONS: Flammable liquids (chapter 2.6), Cat. 4; Aspiration hazard (chapter 3.10), Cat. 1. HAZARDS: No data available.	
Naphtha (petroleum), hydrotreated heavy (CAS no.: 64742-48-9)	<= 2 % (Weight)
CLASSIFICATIONS: Flammable liquids (chapter 2.6), Cat. 3; Aspiration hazard (chapter 3.10), Cat. 1. HAZARDS: No data available.	
DMDM Hydantoin	<= 1 % (Weight)
CLASSIFICATIONS: Eye damage/irritation (chapter 3.3), Cat. 2A; Sensitization, skin (chapter 3.4), Cat. 1; Skin corrosion/irritation (chapter 3.2), Cat. 2; Acute toxicity, inhalation (chapter 3.1), Cat. 4. HAZARDS: No data available.	

SECTION 4: First-aid measures

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

Move person to fresh air at once. Get medical attention. Remove victim to fresh air. Administer oxygen if breathing is difficult.
Contact physician.

In case of skin contact

Mild irritation, avoid contact with abraded skin. Rinse with water. If irritated wash with mild soap and water. Contact physician.

In case of eye contact

May cause irritation, redness, tearing. In case if eye contact, flush immediately with large amount of water for 15 minutes lifting upper and lower lids occasionally. Get medical attention.

Safety Data Sheet

Rapid Wax

If swallowed

May cause mild irritation to gastrointestinal tract, vomiting, nausea, diarrhea, headache, drowsiness, loss of concentration and fatigue. Do NOT induce vomiting. Give two (2) glasses of water. Contact physician immediately.

Personal protective equipment for first-aid responders

See Section 8 for exposure and PPE recommendations

Most important symptoms/effects, acute and delayed

Skin Contact: Mild irritation

Eye Contact: May cause irritation, redness, tearing

Swallowing: May cause mild irritation to gastrointestinal tract, vomiting, nausea, diarrhea, headache, drowsiness, loss of concentration and fatigue.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Appropriate Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Inappropriate Extinguishing Media: Straight Streams of Water

Specific hazards arising from the chemical

Unusual Fire Hazards: A component of this product has vapors that are flammable and heavier than air. Vapors may travel across the ground

and reach remote ignition sources causing a flashback fire danger. Hazardous material. Firefighters should consider protective equipment indicated in Section 8.

Hazardous Combustion Products: Incomplete combustion products, Oxides of carbon, Smoke, Fume

Special protective actions for fire-fighters

Fire Fighting Instructions: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

Environmental precautions

Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

Methods and materials for containment and cleaning up

Land Spill: Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do it without risk. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Prevent entry into waterways, sewer, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Use clean non-sparking tools to collect absorbed material. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Large Spills: Water spray may reduce vapor; but may not prevent ignition in closed spaces. Recover by pumping or with suitable absorbent.

Water Spill: Stop leak if you can do it without risk. Eliminate sources of ignition. Warn other shipping. If

Safety Data Sheet

Rapid Wax

the Flash Point exceeds the Ambient Temperature by 10 degrees C or more, use containment booms and remove from the surface by skimming or with suitable absorbents when conditions permit. If the Flash Point does not exceed the Ambient Air Temperature by at least 10C, use booms as a barrier to protect shorelines and allow material to evaporate. Seek the advice of a specialist before using dispersants.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

SECTION 7: Handling and storage

Precautions for safe handling

Avoid contact with skin. Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or ground procedures. However, bonding and grounds may not eliminate the hazard from static accumulation.

Conditions for safe storage, including any incompatibilities

Avoid direct sunlight. Store in a cool dry place. Avoid: Strong acids and bases and Oxidizing Agents

Specific end use(s)

Automotive rapid wax.

SECTION 8: Exposure controls/personal protection

Control parameters

CAS: 64742-48-9

Naphtha (petroleum), hydrotreated heavy

ExxonMobil: 1200 mg/m³ RCP-TWA; OSHA Z1: 400mg/m³ TWA

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Allow for good ventilation.

Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Wear protective glasses. Minimize splashing and material contact with face.

Skin protection

Wear protective gloves.

Body protection

Wear clothing suitable for the task.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

Safety Data Sheet

Rapid Wax

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	milky-white, free-flowing liquid
Odor	characteristic hydrocarbon
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	29F
Initial boiling point and boiling range	210-212F
Flash point	68C (154F)
Evaporation rate	<0.1
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Vapor pressure	5.7 @20EC
Vapor density	No data available.
Relative density	0.9-1.10
Solubility(ies)	Dispersible
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

SECTION 10: Stability and reactivity

Reactivity

Product is nonreactive.

Chemical stability

Product is stable.

Possibility of hazardous reactions

Hazardous Polymerization ill not occur

Conditions to avoid

Direct sunlight. Incompatible materials.

Incompatible materials

Strong acids and bases. Oxidizing Agents

Hazardous decomposition products

Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Safety Data Sheet

Rapid Wax

Distillates (petroleum), hydrotreated light
LD50 Skin - Rabbit - 2000-4000mg/kg

Distillates (petroleum), hydrotreated light
LD50 Inhalation - Rat - >5000mg/kg - 4hours
Result: All rats survived at indicated concentration

Distillates (petroleum), hydrotreated light
LD50 Oral - Rat - >500mg/kg

Naphtha (petroleum), hydrotreated heavy
LC50 Inhalation - Rat - >500 mg/m³ - 8h
Result: Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 403

Naphtha (petroleum), hydrotreated heavy
LD50 Oral - Rat - >5000 mg/m³
Result: Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 401

Naphtha (petroleum), hydrotreated heavy
LD50 Oral - Rat - >5000 mg/m³
Result: Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 402

DMDM Hydantoin
LD50 Oral - Rat - 3141mg/kg

DMDM Hydantoin
LD50 Skin - Rabbit - >2000mg/kg - 24h

DMDM Hydantoin
LC50 Inhalation - Rat - ca. 2mg/l - 4h

Skin corrosion/irritation

Distillates (petroleum), hydrotreated light
Skin - Rabbit - 2.2 (Max. score is 8)

Naphtha (petroleum), hydrotreated heavy

Result: Mildly irritating to skin with prolonged exposure. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 404

DMDM Hydantoin
- Rabbit - 4h
Result: Moderate irritant

Serious eye damage/irritation

Distillates (petroleum), hydrotreated light
- Rabbit
Result: 3.3
Remarks: Max score is 110

Safety Data Sheet

Rapid Wax

DMDM Hydantoin
- Rabbit
Result: Moderate irritant

Respiratory or skin sensitization
No data available.

Germ cell mutagenicity
No data available.

Carcinogenicity
No data available.

Reproductive toxicity
No data available.

STOT-single exposure
No data available.

STOT-repeated exposure
No data available.

Aspiration hazard
Naphtha (petroleum), hydrotreated heavy

Result: May be fatal if swallowed and enters airways
Remarks: Based on
physico-chemical properties of the material.

SECTION 12: Ecological information

Toxicity
No data available.

Persistence and degradability
Distillates (petroleum), hydrotreated light
OECD
Result: Readily biodegradable
Remarks: OECD Test Guideline 301F (28 d): 85 %
Test substance: LPA® 170 Solvent

Bioaccumulative potential
No data available.

Mobility in soil
Naphtha (petroleum), hydrotreated heavy

Remarks: Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.

Results of PBT and vPvB assessment
No data available.

Other adverse effects

Safety Data Sheet

Rapid Wax

No data available.

SECTION 13: Disposal considerations

Disposal of the product

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

Disposal of contaminated packaging

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

Waste treatment

No data available.

Sewage disposal

Do not dispose of product in sewers.

Other disposal recommendations

No data available.

SECTION 14: Transport information

DOT (US)

UN Number: 1993

Class: 3

Packing Group: 3

Proper Shipping Name: Contains Petroleum Distillate

Combustible

May be reclassified as a COMBUSTIBLE LIQUID when offered for transportation by ground in the US in containers upto 119 gallons.

May also be reclassified as a CONSUMER COMMODITY ORM-D when shipped by vessel in the US in containers not exceeding 1.3 gallons.

SECTION 15: Regulatory information

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

CWA/OPA

PETROLEUM DISTILLATES, N.O.S. CAS: 64742-48-9: This product is classified as an oil under Section 311 of the Clean Water Act (40 CFR 110) and the Oil

Pollution Act of 1990. Discharge or spills which produce a visible sheen on either surface water, or in waterways/sewers which lead to surface water, must be reported to the National Response Center at 800-424-8802.

SECTION 16: Other information

Revision Date:

04/25/2016

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

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This information is based on our current knowledge and is intended to describe the product for the purposes of

Safety Data Sheet

Rapid Wax

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