

Safety Data Sheet
Viper

SECTION 1: Identification

Product identifier

Product name Viper
Product number 4270

Recommended use of the chemical and restrictions on use
Automotive Wax

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)

- Eye damage/irritation (chapter 3.3), Cat. 2A
- Flammable liquids (chapter 2.6), Cat. 3
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3

GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

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H226	Flammable liquid and vapor
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

Precautionary statement(s)

Prevention

P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands and exposed skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352	IF ON SKIN: Wash with plenty of water/hand-soap
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use foam/C02 to extinguish.

Storage

P403+P233	Store in a well ventilated place. Keep container tightly closed.
P403+P235	Store in a well ventilated place. Keep cool.
P405	Store locked up.

Disposal

P501	Dispose of contents/container to local, state, and federal regulations
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SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Distillates (petroleum), hydrotreated light (CAS no.: 64742-47-8)	< 15 % (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)	< 10 % (Weight)
CLASSIFICATIONS: Flammable liquids (chapter 2.6), Cat. 3; Aspiration hazard (chapter 3.10), Cat. 1. HAZARDS: No data available.	
Solvent naphtha (petroleum), light aliph (CAS no.: 64742-89-8)	< 15 % (Weight)
CLASSIFICATIONS: Aspiration hazard (chapter 3.10), Cat. 1; Eye damage/irritation (chapter 3.3), Cat. 2A; Flammable liquids (chapter 2.6), Cat. 2; Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 2; Skin corrosion/irritation (chapter 3.2), Cat. 2; Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3; Acute toxicity, inhalation (chapter 3.1), Cat. 5. HAZARDS: H335 - May cause respiratory irritation; H336 - May cause drowsiness or dizziness.	

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Kaolin, calcined (CAS no.: 92704-41-1)

< 20 % (Weight)

CLASSIFICATIONS: No data available. HAZARDS: No data available.

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice	General: 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

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.

Indication of immediate medical attention and special treatment needed, if necessary

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Fire-fighting measures

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.

Specific hazards arising from the chemical

Fire Hazard: Product is a flammable liquid/vapor.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

Special protective actions for fire-fighters

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

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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

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. 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

Do not allow spilled material to enter the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and materials for containment and cleaning up

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

Precautions for safe handling

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.

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)

Automotive vehicle 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

Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers

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should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

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

Pictograms



Eye/face protection

Chemical goggles or safety glasses.

Skin protection

Wear chemical resistant protective gloves.

Body protection

Wear suitable protective clothing.

Respiratory protection

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

Environmental exposure controls

Do not allow product to enter the environment. Ensure adequate ventilation.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Light blue milky liquid
Odor	Hydrocarbon-fruity
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	29F
Initial boiling point and boiling range	210-212F
Flash point	95F (35C)
Evaporation rate	<0.1
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Vapor pressure	5.2 @20EC
Vapor density	No data available.
Relative density	0.8-1-10
Solubility(ies)	Dispersible
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	8000cps
Explosive properties	No data available.
Oxidizing properties	No data available.

SECTION 10: Stability and reactivity

Reactivity

Product is non reactive when used and stored as directed

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Chemical stability

Product is stable when used and stored as directed

Possibility of hazardous reactions

Hazardous Polymerization will not occur

Conditions to avoid

Extreme hot/cold temperatures. Avoid direct sunlight and incompatible materials

Incompatible materials

Strong acids/basis. Oxidixing agents

Hazardous decomposition products

Carbon monoxide, carbon dioxide.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

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

Solvent naphtha (petroleum), light aliph

LC50 Inhalation - Rat - 3400ppm - 4h

Solvent naphtha (petroleum), light aliph

LD50 Oral - Rat - >8g/kg

Skin corrosion/irritation

Distillates (petroleum), hydrotreated light

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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

Serious eye damage/irritation

Distillates (petroleum), hydrotreated light

- Rabbit

Result: 3.3

Remarks: Max score is 110

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

Summary of evaluation of the CMR properties

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

Solvent naphtha (petroleum), light aliph

NOEC - Daphnia magna (water flea) - 3.8mg/l - 21days

Persistence and degradability

Distillates (petroleum), hydrotreated light

OECD

Result: Readily biodegradable

Remarks: OECD Test Guideline 301F (28 d): 85 %

Test substance: LPA® 170 Solvent

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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

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

Treat as unused product.

Waste treatment

No data available.

Sewage disposal

Do not dispose of product in sewers.

SECTION 14: Transport information

DOT (US)

UN Number: 1993

Class: 3

Packing Group: III

Proper Shipping Name: Compounds, cleaning liquids, (Containing Petroleum Distillate)

Reportable quantity (RQ):

Marine pollutant:

Poison inhalation hazard:

IMDG

UN Number:

Class:

Packing Group:

EMS Number:

Proper Shipping Name:

IATA

UN Number:

Class:

Packing Group:

Proper Shipping Name:

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SECTION 15: Regulatory information

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

Listed: PETROLEUM DISTILLATES, N.O.S. CAS: 64742-48-9

SARA 311/312 Hazards

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

PETROLEUM DISTILLATES, N.O.S. CAS: 64742-48-9: Fire, acute health, delayed health

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:

05/06/2016

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

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.

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