

**Safety Data Sheet**  
**Speedy IV**

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**SECTION 1: Identification**

**Product identifier**

Product name Speedy IV  
Product number 6243

**Recommended use of the chemical and restrictions on use**

Designed for automated tire dressing application machines in automated carwashing tunnels.

**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

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**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
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 4

**GHS label elements, including precautionary statements**

**Hazard statement(s)**

H227 Combustible liquid  
H413 May cause long lasting harmful effects to aquatic life

**Precautionary statement(s)**

**Prevention**

P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.  
P273 Avoid release to the environment.

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### Response

P280  
P370+P378

Wear protective gloves/protective clothing/eye protection/face protection.  
In case of fire: Use foam 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

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## SECTION 3: Composition/information on ingredients

### Substances

#### Hazardous components

Component	Concentration
Naphtha (petroleum), hydrotreated heavy (CAS no.: 64742-48-9)	20 % (Weight)
Distillates (petroleum), hydrotreated light (CAS no.: 64742-47-8)	40 % (Weight)
Poly(dimethylsiloxane) (CAS no.: 9016-00-6)	Not specified

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## 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

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

No data available.

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

If you feel unwell seek medical advice/attention.

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## SECTION 5: Fire-fighting measures

### Suitable extinguishing media

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

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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

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.

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, CO<sub>2</sub>).

### Further information

Refer to section 9 for flammability properties.

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## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

See section 8 for protective equipment recommendations.

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

### Environmental precautions

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

6.3. Methods

### 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.

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## SECTION 7: Handling and storage

### 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.

### 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)

Tire dressing.

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### SECTION 8: Exposure controls/personal protection

#### Control parameters

##### CAS: 64742-48-9

Naphtha (petroleum), hydrotreated heavy

ExxonMobil: 1200 mg/m<sup>3</sup> RCP-TWA; OSHA Z1: 400mg/m<sup>3</sup> TWA

#### 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.

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

##### Eye/face protection

Wear protective goggles

##### Skin protection

Wear protective gloves.

##### Body protection

Wear clothing appropriate for working with chemicals.

##### Respiratory protection

If TLV exceeds thresholds or if engineering controls cannot be implemented then a suitable respirator should be used.

##### Thermal hazards

No data available.

##### Environmental exposure controls

Do not allow product to be released to the environment.

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### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Appearance/form	Blue liquid
Odor	Fruity hydrocarbons
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	-50 DEG. F.
Initial boiling point and boiling range	250-260 DEG. F.
Flash point	163F (73C)
Evaporation rate	(Butyl Acetate=1): LESS THAN 1
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Vapor pressure	40 (20 DEG. C.)
Vapor density	No data available.
Relative density	<0.800 (@20 DEG. C.)
Solubility(ies)	0.00
Partition coefficient: n-octanol/water	No data available.

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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.

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### SECTION 10: Stability and reactivity

#### Reactivity

Hazardous reactions will not occur under normal conditions.

#### Chemical stability

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

#### Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Incompatible materials.

#### Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

#### Hazardous decomposition products

Carbon oxides (CO, CO<sub>2</sub>).

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### 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/m<sup>3</sup> - 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/m<sup>3</sup>  
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/m<sup>3</sup>  
Result: Minimally Toxic. Based on test data for structurally similar

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materials. Test(s) equivalent or similar to OECD Guideline 402

### **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

### **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.

### **Additional information**

No data available.

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## **SECTION 12: Ecological information**

### **Toxicity**

Poly(dimethylsiloxane)  
LC50 - Oncorhynchus mykiss (rainbow trout) - >10000mg/l - 96hr

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### 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

Poly(dimethylsiloxane)

- Hypophthalmichthys molitrix - 72hr

Result: 60ug/l

### 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.

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## SECTION 13: Disposal considerations

### Disposal of the product

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

### Disposal of contaminated packaging

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

### Waste treatment

No data available.

### Sewage disposal

Do not allow product to enter sewers.

### Other disposal recommendations

No data available.

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## SECTION 14: Transport information

	UN Number	None
	UN Proper Shipping Name	None
14.3	Transport hazard class(es)	None
14.4	Packing group	None
	Environmental hazards	None
	Special precautions for user	None
	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	None

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### SECTION 15: Regulatory information

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

##### Pennsylvania Right To Know Components

Poly[oxy(dimethylsilylene)]

CAS-No.

9016-00-6

##### New Jersey Right To Know Components

Poly[oxy(dimethylsilylene)]

CAS-No.

9016-00-6

##### 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.

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### SECTION 16: Other information

Revision Date:

04/11/2016

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 health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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