

Safety Data Sheet
Speedy

SECTION 1: Identification

Product identifier

Product name Speedy
Product number 6224

Recommended use of the chemical and restrictions on use

Tire Dressing

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)

- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 4
- Aspiration hazard (chapter 3.10), Cat. 1
- 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

Warning

Safety Data Sheet

Speedy

Hazard statement(s)

H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
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.
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.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting
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
------	------------------------------------------------------------------------

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Poly(dimethylsiloxane) (CAS no.: 9016-00-6)	Not specified
CLASSIFICATIONS: Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 4. HAZARDS: No data available.	

Safety Data Sheet

Speedy

Naphtha (petroleum), heavy alkylate (CAS no.: 64741-65-7)	Not specified
CLASSIFICATIONS: Aspiration hazard (chapter 3.10), Cat. 1; 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. HAZARDS: H336 - May cause drowsiness or dizziness.	

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice	Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.
If inhaled	Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.
In case of skin contact	Wash immediately with lots of water. Soap may be used. Do not apply (chemical) neutralizing agents. Take victim to a doctor if irritation persists.
In case of eye contact	Rinse with water. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists.
If swallowed	Rinse mouth with water. Do not induce vomiting. Call Poison Information Centre. Consult a doctor/medical service if you feel unwell. Ingestion of large quantities: immediately to hospital.
Personal protective equipment for first-aid responders	See Section 8 for exposure and PPE recommendations

Most important symptoms/effects, acute and delayed

EXPOSURE TO HIGH CONCENTRATIONS: Headache. Dizziness. Narcosis.
ON CONTINUOUS EXPOSURE/CONTACT: Dry skin. Cracking of the skin.
Ingestion symptoms: Risk of aspiration pneumonia.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Suitable extinguishing media: Water spray. Polyvalent foam. BC powder. Carbon dioxide.
Unsuitable extinguishing media: Container may slop over if solid jet (water/foam) is applied.

Specific hazards arising from the chemical

Fire hazard: DIRECT FIRE HAZARD. Flammable. Gas/vapour flammable with air within explosion limits. INDIRECT FIRE HAZARD. May build up electrostatic charges: risk of ignition. May be ignited by sparks.

Explosion hazard: DIRECT EXPLOSION HAZARD. Gas/vapour explosive with air within explosion limits. INDIRECT EXPLOSION HAZARD. may be ignited by sparks.

Reactivity: Upon combustion: CO and CO₂ are formed.

Safety Data Sheet

Speedy

Special protective actions for fire-fighters

Precautionary measures fire : Exposure to fire/heat: keep upwind. Exposure to fire/heat: consider evacuation. Exposure to fire/heat: seal off low-lying areas. Exposure to fire/heat: have neighbourhood close doors and windows.

Firefighting instructions: Cool tanks/drums with water spray/remove them into safety.

Protection during firefighting: Heat/fire exposure: compressed air/oxygen apparatus.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Gloves. Protective clothing. Large spills/in enclosed spaces: compressed air apparatus.

Mark the danger area. Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment. Wash contaminated clothes.

Ventilate area. If a major spill occurs, all personnel should be immediately evacuated and the area ventilated. Stop leak if safe to do so.

Environmental precautions

Prevent soil and water pollution. Prevent spreading in sewers.

Methods and materials for containment and cleaning up

Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Dam up the liquid spill. Provide equipment/receptacles with earthing. Do not use compressed air for pumping over spills. Heating: dilute combustible gas/vapour with water curtain.

Take up liquid spill into absorbent material, e.g.: sand/earth. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. See "Material-handling" for suitable container materials. Damaged/cooled tanks must be emptied. Do not use compressed air for pumping over spills. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

SECTION 7: Handling and storage

Precautions for safe handling

Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Do not discharge the waste into the drain. Do not use compressed air for pumping over. Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Avoid prolonged and repeated contact with skin. Keep container tightly closed. Measure the concentration in the air regularly. Work under local exhaust/ventilation.

Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Incompatible products: Strong oxidizers.

Incompatible materials: Heat sources. Sources of ignition.

Heat and ignition sources: KEEP SUBSTANCE AWAY FROM: heat sources. ignition sources.

Prohibitions on mixed storage: KEEP SUBSTANCE AWAY FROM: oxidizing agents.

Safety Data Sheet

Speedy

Storage area: Store at ambient temperature. Keep out of direct sunlight. Ventilation at floor level. Provide for a tub to collect spills. Provide the tank with earthing. Meet the legal requirements.

Special rules on packaging: SPECIAL REQUIREMENTS: closing. correctly labelled. meet the legal requirements. Secure fragile packagings in solid containers.

Packaging materials: SUITABLE MATERIAL: stainless steel. carbon steel. polyethylene. polypropylene.

Specific end use(s)

Tire dressing

SECTION 8: Exposure controls/personal protection

Control parameters

CAS: 64741-65-7

Naphtha (petroleum), heavy alkylate

OSHA P0: 400 ppm

1,600 mg/m³ TWA; OSHA Z-1: 500 ppm

2,000 mg/m³ TWA

Appropriate engineering controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

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

Pictograms



Eye/face protection

Face shield.

Skin protection

GIVE POOR RESISTANCE: butyl rubber. natural rubber.

Body protection

Protective clothing.

Respiratory protection

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

High gas/vapour concentration: gas mask with filter type A.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form

CLEAR BLUE, THIN LIQUID, SILKY AND SMOOTH TO THE TOUCH.

Odor

MILD FRUITY ODOR

Odor threshold

No data available.

Safety Data Sheet

Speedy

pH	No data available.
Melting point/freezing point	-50 DEG. F.
Initial boiling point and boiling range	315-343 DEG. F.
Flash point	51 °C (124 °F)
Evaporation rate	LESS THAN 0.1 (SOLVENT)
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Vapor pressure	4.5 (@20 DEG. C)
Vapor density	No data available.
Relative density	0.7-.95 (@20 DEG. C)
Solubility(ies)	0.0
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

Upon combustion: CO and CO₂ are formed.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Not established.

Conditions to avoid

High temperature. Sparks. Open flame. Incompatible materials.

Incompatible materials

Strong oxidizers.

Hazardous decomposition products

Carbon dioxide. Carbon monoxide. May release flammable gases.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Naphtha (petroleum), heavy alkylate

LD50 Oral - Rat - >2000mg/kg

Result: The substance or mixture has no acute oral toxicity

Naphtha (petroleum), heavy alkylate

LD50 Skin - Rabbit - >2,000mg/kg

Result: The substance or mixture has no acute dermal toxicity

Skin corrosion/irritation

Naphtha (petroleum), heavy alkylate

Safety Data Sheet

Speedy

Result: Test Type: Buehler Test
Species: guinea pig
Method: OECD Test Guideline 406
Result: Did not cause sensitisation on laboratory animals.

Serious eye damage/irritation

Naphtha (petroleum), heavy alkylate
OECD Eyes - Rabbit
Result: Irritating to eyes
Remarks: OECD - 405

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

Naphtha (petroleum), heavy alkylate
Inhalation

Result: Central Nervous System

Remarks: May cause drowsi-ness or dizziness., The substance or mixture is classified as specific target organ toxicant, sin-gle exposure, cate-gory 3 with narcotic effects.

STOT-repeated exposure

No data available.

Aspiration hazard

Naphtha (petroleum), heavy alkylate

Result: May be fatal if swallowed and enters airways

SECTION 12: Ecological information

Toxicity

Poly(dimethylsiloxane)

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

Naphtha (petroleum), heavy alkylate

Result: LL50 (Oncorhynchus mykiss (rainbow trout)): 10 mg/l

Exposure time: 96 h

Test Type: semi-static test

Method: OECD Test Guideline 203

Naphtha (petroleum), heavy alkylate

Result: EL50 (Daphnia magna (Water flea)): 4.5 mg/l

Safety Data Sheet

Speedy

Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202

Naphtha (petroleum), heavy alkylate

Result: EL50 (Pseudokirchneriella subcapitata (green algae)): 3.1 mg/l
End point: Growth rate
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201

Persistence and degradability

Naphtha (petroleum), heavy alkylate

Result: aerobic
Concentration: 49.2 mg/l
Exposure time: 28 d
Method: OECD Test Guideline 301F
Remarks: Readily biodegradable

Bioaccumulative potential

Poly(dimethylsiloxane)
- Hypophthalmichthys molitrix - 72hr
Result: 60ug/l

Naphtha (petroleum), heavy alkylate

Result: log Pow: 3.3 - 5.3

Mobility in soil

No data available.

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

Dispose of as unused product.

Waste treatment

No data available.

Sewage disposal

Do not dispose of product in sewers.

SECTION 14: Transport information

Safety Data Sheet

Speedy

DOT (US)

UN Number: 1268

Class: 3

Packing Group: III

Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.,

Reportable quantity (RQ):

Marine pollutant: Marine Pollutant

Poison inhalation hazard:

The flash point for this material is greater than 100 F

IMDG

UN Number:

Class:

Packing Group:

EMS Number:

Proper Shipping Name:

IATA

UN Number:

Class:

Packing Group:

Proper Shipping Name:

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

Fire Hazard

Acute Health Hazard

New Jersey Right To Know Components

Poly[oxy(dimethylsilylene)]

CAS-No.

9016-00-6

Fire Hazard

Acute Health Hazard

SARA 311/312 Hazards

Naphtha (petroleum), heavy alkylate

64741-65-7

Fire Hazard

Acute Health Hazard

Toxic Substances Control Act (TSCA) Inventory

Fire Hazard

Acute Health Hazard

SECTION 16: Other information

Safety Data Sheet

Speedy

Revision Date:
05/17/2016

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.

North America GHS US 2012