



G53 – PF9908 KIT, PF9924 KIT

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 08/07/2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Lubricant
Product name : PF9905 KIT, PF9924 KIT

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Lubricant

1.3. Details of the supplier of the safety data sheet

Baldwin Filters
4400 E Highway 30
Kearney, NE 68847 - US
T 800-822-5394
baldwin.info@parker.com - www.baldwinfilter.com

1.4. Emergency telephone number

Emergency number : 800-424-9300 Inside the U.S., Canada and the U.S. Virgin Islands
703-527-3887 Outside the U.S. (Collect calls accepted.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification in accordance with 29 CFR 1910.1200

Not a hazardous substance or mixture.

2.2. Label elements

GHS-US labeling

Not a hazardous substance or mixture.
Precautionary statements (GHS-US)

: **Prevention:**
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P271 - Use only outdoors or in a well-ventilated area.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1. Substance / Mixture

Substance.

3.2. Mixture

Name	Product identifier	Chemical Nature
Dimethyl siloxane, trimethylsiloxy-terminated	(CAS No) 63148-62-9	Silicone

2.3. Hazardous Ingredients

No hazardous ingredients.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : If inhaled, remove to fresh air. Get medical attention if symptoms occur.
First-aid measures after skin contact : Wash with water and soap as a precaution. Get medical attention if symptoms occur.
First-aid measures after eye contact : Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.
First-aid measures after ingestion : If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

4.2. Most important symptoms and effects, both acute and delayed

None Known.

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4.3. Protection of First-Aiders

No special precautions are necessary for first aid responders.

4.4. Notes to Physician

Treat symptomatically and supportively.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Alcohol-Resistant Foam. Carbon Dioxide (CO₂). Dry Chemical.
Unsuitable extinguishing media : None Known

5.2. Specific hazards during firefighting

Exposure to combustion products may be a hazard to health.

5.3. Advice for firefighters

Hazardous Combustion products : Carbon oxides. Silicon oxides. Formaldehyde.
Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.
Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions, protective equipment and emergency procedures : Follow safe handling advice and personal protective equipment recommendations.

6.2. Environmental precautions

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked materials can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.

6.4. Reference to other sections

Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Technical measures : See Engineering measures under Exposure Controls/Personal Protection section.
Local/Total ventilation : Use only with adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Advice on safe handling : Avoid inhalation of vapor or mist. Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.
Conditions for safe storage : Keep in properly labeled containers. Store in accordance with the particular national regulations.
Materials to avoid : Do not store in the following product types: Strong oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1. Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

Engineering measures : Processing may form hazardous compounds (see Section 10). Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

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Personal protective equipment

Respiratory protection	: No personal respiratory protective equipment normally required.
Hand protection	: Wash hands before breaks and at the end of workday.
Eye protection	: Wear the following personal protective equipment: Safety Glasses.
Skin and body protection	: Skin should be washed after contact.
Hygiene measures	: Ensure that the eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require added precautions. For further information regarding the use of silicones / organic oils in consumer aerosol applications, please refer to the guidance document regarding the use of these type of materials in consumer aerosol applications that has been developed by the silicone industry (www.SEHSC.com).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	: Viscous Liquid
Color	: colorless
Odor	: characteristic
Odor threshold	: No data available
pH	: No data available
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: >65°C
Flash point	: 321.11°C (Method: closed cup)
Evaporation rate	: No data available
Flammability	: Not applicable
Self-ignition	: The substance or mixture is not classified as pyrophoric. The substance or mixture is not classified as self-heating.
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapor pressure	: No data available
Relative vapor density	: No data available
Relative density	: 0.97
Solubility(ies)	: Water: No data available
Partition coefficient n-octanol/water	: No data available
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 100,000 cSt
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.
Molecular weight	: No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Not classified as a reactivity hazard.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Can react with strong oxidizing agents. When heated to temperatures above 150°C (302°F) in the presence of air, trace of amounts of formaldehyde may be released. Adequate ventilation is required. See OSHA formaldehyde standard, 29 CFR 1910.1048 hazardous decomposition with be formed at elevated temperatures.

10.4. Conditions to avoid

None Known.

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

Thermal decomposition: Formaldehyde.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Information on likely routes of exposure : Inhalation, skin contact

Acute toxicity:

Not classified based on available information

Product

Acute oral toxicity

: LD50(Rat): > 15,400 mg/kg
Assessment: The substance or mixture has no acute or 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/irritations:

Not classified based on available information

Product

: Species: Rabbit
Result: No skin irritation
Remarks: Based on data from similar materials.

Serious eye damage/eye /irritation:

Not classified based on available information

Product

: Species: Rabbit
Result: No skin irritation
Remarks: Based on data from similar materials.

Respiratory or skin sensitization**Skin sensitization:**

Not classified based on available information

Respiratory sensitization:

Not classified based on available information

Product

: Assessment: Does not cause skin sensitization.
Test Type: Maximization Test
Species: Guinea pig
Remarks: No known sensitizing effect based on data from similar materials.

Germ cell mutagenicity

Not classified based on available information

Product

Genotoxicity in vitro

: Test Type: Bacterial revers mutation assay (AMES)
Result: Negative
Remarks: Based on data from similar materials.

Carcinogenicity

Not classified based on available information

Product

: Species: Rat
Application Route: Ingestion
Result: No eye irritation
Remarks: Based on data from similar materials.

Carcinogenicity Assessment

: Animal testing did not show any carcinogenic effects.

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.

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Reproductive toxicity

Not classified based on available information.

Product

Effects on fertility : Test Type: Reproduction/Developmental toxicity screening test
Species: Rabbit, male
Application Route: Ingestion
Symptoms: No effects on fertility
Remarks: Based on data from similar materials.

Effects on fetal development : Test Type: Reproduction/Developmental toxicity screening test
Species: Rabbit, male
Application Route: Ingestion
Symptoms: No effects on fetal development
Remarks: Based on data from similar materials.

: Test Type: Prenatal development toxicity study (teratogenicity)
Species: Rabbit, female
Application Route: Skin contact
Symptoms: No effects on fetal development
Remarks: Based on data from similar materials.

Reproductive toxicity Assessment : No evidence of adverse effects on sexual function and fertility, or on development, based on animal experiments.

STOT-single exposure : Not classified based on available information.

STOT-repeated exposure : Not classified based on available information.

Product

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

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

Repeated dose toxicity

Product

: Species: Rabbit
Application Route: Skin contact
Remarks: Based on data from similar materials.

: Species: Rat
Application Route: Ingestion
Remarks: Based on data from similar materials.

Aspiration toxicity : Not classified based on available information

Product : No aspiration toxicity classification

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SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity : No data available

12.2. Persistence and degradability

Persistence and degradability : No data available

12.3. Bioaccumulative potential

Bioaccumulative potential : No data available

12.4. Mobility in soil

No data available

12.5. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Disposal methods

Resource Conservation and Recovery Act (RSRA) : This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as an unused product.

SECTION 14: Transport information

Internal Regulations

UNRTDF : Not regulated as a dangerous good.

IATA-DGR : Not regulated as a dangerous good.

IMDG-CODE : Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR

Not regulated as a dangerous good.

SECTION 15: Regulatory information

15.1. US Federal regulations

EPCRA – Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with Section 302 EHS TPQ.

SARA 311/312 Hazards

No SARA Hazards

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

15.2. US State regulations

Pennsylvania Right to Know

Dimethyl siloxane, trimethylsiloxy-terminated 63148-62-9

California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

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The ingredients of this product are reported in the following inventories:

KECI	: All ingredients list, exempt or notified.
REACH	: All ingredients (pre-)registered or exempt.
TSCA	: All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.
AICS	: All ingredients listed or exempted.
IECSC	: All ingredients listed or exempted.
ENCS/ISHL	: All components are listed on ENCS/ISHL or exempted from inventory listing.
DSL	: All chemical substances in the product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL)

SECTION 16: Other information

NFPA health hazard	: 0 – Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard	: 1 – Must be preheated before ignition can occur.
NFPA reactivity	: 0 – Normally stable, even under fire exposure conditions, and are not reactive with water.
NFPA specific hazard	: NA – Not Applicable
HMIS IV Rating	
Health	: 0 – Minimal Hazard
Flammability	: 1 – Minimal Hazard
Physical	: 0 – Minimal Hazard



Baldwin Filters SDS

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.