



# SAFETY DATA SHEET

## Air Filter Cleaner

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Printed: 06/15/2015

Revision: 05/28/2015

### 1. Product and Company Identification

**Product Code:** 04436  
**Product Name:** Air Filter Cleaner  
**Company Name:** S&B Filters  
15461 Slover Ave.  
Fontana, CA 92337  
**Phone Number:** (909)947-0015  
**Emergency Contact:** Chemtrec (800)424-9300

### 2. Hazards Identification

**Acute Toxicity:** Oral, Category 4

**Skin Corrosion/Irritation,** Category 1C



**GHS Signal Word:** Danger

**GHS Hazard Phrases:** Harmful if swallowed.  
Causes severe skin burns and eye damage.

**GHS Precaution Phrases:** Do not eat, drink or smoke when using this product.  
Wear protective gloves, protective clothing, eye protection, face protection.

**GHS Response Phrases:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Wash contaminated clothing before reuse.  
If eye irritation persists, get medical attention immediately.  
If swallowed: Rinse mouth. Do NOT induce vomiting.  
If swallowed: Immediately call a Poison Center or doctor.  
If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**GHS Storage and Disposal Phrases:** Store in cool dry place at room temperature away from direct sunlight.  
Dispose of contents and container according to the local, city, state and federal regulations.

**Potential Health Effects  
(Acute and Chronic):**

**Inhalation:** May cause allergic respiratory reaction.  
**Skin Contact:** May be harmful if absorbed through the skin. Causes skin burns.  
**Eye Contact:** Causes eye burns. Causes eye irritation. May cause chemical conjunctivitis.  
**Ingestion:** Harmful if swallowed. Causes burns. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

### 3. Composition/Information on Ingredients

| CAS #       | Hazardous Components (Chemical Name)                               | Concentration |
|-------------|--------------------------------------------------------------------|---------------|
| 6834-92-0   | Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt     | Proprietary   |
| 166736-08-9 | Oxirane, methyl-, polymer with oxirane, mono(2-propylheptyl) ether | Proprietary   |
| 25498-49-1  | Propanol, [2-(2-Methoxymethylethoxy)methylethoxy]-                 | Proprietary   |
| 7320-34-5   | Potassium pyrophosphate                                            | Proprietary   |



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### 4. First Aid Measures

#### Emergency and First Aid

##### Procedures:

- In Case of Inhalation:** If breathed in, move person into fresh air.
- In Case of Skin Contact:** In case of skin contact, flush with copious amounts of water for at least 15 minutes.
- In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid if irritation develops and persists.
- In Case of Ingestion:** If swallowed, wash out mouth with water provided person is conscious. Call a physician. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
- Note to Physician:** Treat symptomatically and supportively.

### 5. Fire Fighting Measures

- Flash Pt:** NE
- Explosive Limits:** LEL: N/A UEL: N/A
- Autoignition Pt:** NE
- Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or appropriate foam.
- Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
- Flammable Properties and Hazards:** No data available.

### 6. Accidental Release Measures

- Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Provide ventilation. Do not let this chemical enter the environment.

### 7. Handling and Storage

- Precautions To Be Taken in Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Keep container tightly closed. Avoid ingestion and inhalation.
- Precautions To Be Taken in Storing:** Store in a cool, dry, well-ventilated area away from incompatible substances.

### 8. Exposure Controls/Personal Protection

| CAS #       | Partial Chemical Name                                              | OSHA TWA | ACGIH TWA | Other Limits |
|-------------|--------------------------------------------------------------------|----------|-----------|--------------|
| 6834-92-0   | Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt     | No data. | No data.  | No data.     |
| 166736-08-9 | Oxirane, methyl-, polymer with oxirane, mono(2-propylheptyl) ether | No data. | No data.  | No data.     |
| 25498-49-1  | Propanol, [2-(2-Methoxymethylethoxy)methylethoxy]-                 | No data. | No data.  | No data.     |
| 7320-34-5   | Potassium pyrophosphate                                            | No data. | No data.  | No data.     |



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|                                                 |                                                                                                                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Respiratory Equipment (Specify Type):</b>    | Always use a NIOSH approved respirator when necessary.                                                                                                                                              |
| <b>Eye Protection:</b>                          | Safety glasses.                                                                                                                                                                                     |
| <b>Protective Gloves:</b>                       | Handle with gloves.                                                                                                                                                                                 |
| <b>Other Protective Clothing:</b>               | Wear appropriate protective clothing to prevent skin exposure.                                                                                                                                      |
| <b>Engineering Controls (Ventilation etc.):</b> | Use adequate ventilation to keep airborne concentrations low.                                                                                                                                       |
| <b>Work/Hygienic/Maintenance Practices:</b>     | Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Wash contaminated clothing before reuse. Wash thoroughly after handling. |

## 9. Physical and Chemical Properties

|                                           |                                                                                                        |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Physical States:</b>                   | <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid |
| <b>Appearance and Odor:</b>               | Clear, colorless liquid with no fragrance.                                                             |
| <b>Melting Point:</b>                     | NE                                                                                                     |
| <b>Boiling Point:</b>                     | >= 212.00 F                                                                                            |
| <b>Decomposition Temperature:</b>         | NE                                                                                                     |
| <b>Autoignition Pt:</b>                   | NE                                                                                                     |
| <b>Flash Pt:</b>                          | NE                                                                                                     |
| <b>Explosive Limits:</b>                  | LEL: N/A                      UEL: N/A                                                                 |
| <b>Specific Gravity (Water = 1):</b>      | 1.050                                                                                                  |
| <b>Density:</b>                           | ~ 8.76 LB/GA                                                                                           |
| <b>Bulk density:</b>                      | NE                                                                                                     |
| <b>Vapor Pressure (vs. Air or mm Hg):</b> | NE                                                                                                     |
| <b>Vapor Density (vs. Air = 1):</b>       | > 1                                                                                                    |
| <b>Evaporation Rate:</b>                  | NE                                                                                                     |
| <b>Solubility in Water:</b>               | 100%                                                                                                   |
| <b>Saturated Vapor Concentration:</b>     | NE                                                                                                     |
| <b>Viscosity:</b>                         | NP                                                                                                     |
| <b>pH:</b>                                | 11.5 - 12.5                                                                                            |
| <b>Percent Volatile:</b>                  | No data.                                                                                               |
| <b>VOC / Volume:</b>                      | 0.0000 G/L                                                                                             |
| <b>Particle Size:</b>                     | NE                                                                                                     |
| <b>Heat Value:</b>                        | NE                                                                                                     |
| <b>Corrosion Rate:</b>                    | NE                                                                                                     |

## 10. Stability and Reactivity

|                                               |                                                                                                                                                                      |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability:</b>                             | Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>                                                                                         |
| <b>Conditions To Avoid - Instability:</b>     | None.                                                                                                                                                                |
| <b>Incompatibility - Materials To Avoid:</b>  | Strong acids, Lead. Tin/tin oxides, Aluminum and Soft Metals. Strong oxidizing agents, Ammonia, magnesium, Sodium, calcium salts.                                    |
| <b>Hazardous Decomposition Or Byproducts:</b> | formed under fire conditions. Sodium oxides, silicon oxides. Carbon monoxide, Phosphine, Carbon dioxide, oxides of phosphorus, irritating and toxic fumes and gases. |
| <b>Possibility of Hazardous Reactions:</b>    | Will occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>                                                                               |



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Conditions To Avoid - None.  
Hazardous Reactions:

### 11. Toxicological Information

**Toxicological Information:** No data available.

CAS# 6834-92-0:

Acute toxicity, LD50, Oral, Mouse, 770.0 MG/KG.

Results:

Kidney, Ureter, Bladder: Changes in tubules (including acute renal failure, acute tubular necrosis).

Kidney, Ureter, Bladder: Changes in bladder weight.

Nutritional and Gross Metabolic: Weight loss or decreased weight gain.

- Toxicology Letters., Elsevier Science Pub. B.V., POB 211, 1000 AE, Amsterdam 1000 AE Netherlands, Vol/p/yr: 31(Suppl),, 1986

CAS# 7320-34-5:

Acute toxicity, LD50, Skin, Species: Rabbit, 4640. MG/KG.

Results:

Paternal Effects: Testes, epididymis, sperm duct.

- National Technical Information Service, Vol/p/yr: OTS0571153,

Carcinogenicity.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. CAS# 7320-34-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

### 12. Ecological Information

No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** Dispose of contents and container according to the local, city, state and federal regulations.

### 14. Transport Information

#### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Not regulated as a hazardous material.

**DOT Hazard Class:**

**UN/NA Number:**

#### LAND TRANSPORT (Canadian TDG):

**TDG Shipping Name:** Not Regulated.



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### MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

### AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

## 15. Regulatory Information

### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS #       | Hazardous Components (Chemical Name)                               | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|-------------|--------------------------------------------------------------------|--------------|-----------|--------------|
| 6834-92-0   | Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt     | No           | No        | No           |
| 166736-08-9 | Oxirane, methyl-, polymer with oxirane, mono(2-propylheptyl) ether | No           | No        | No           |
| 25498-49-1  | Propanol, [2-(2-Methoxymethylethoxy)methylethoxy]-                 | No           | No        | No           |
| 7320-34-5   | Potassium pyrophosphate                                            | No           | No        | No           |

### CAS # Hazardous Components (Chemical Name)

### Other US EPA or State Lists

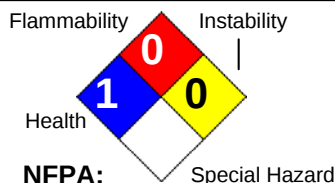
|             |                                                                    |                                     |
|-------------|--------------------------------------------------------------------|-------------------------------------|
| 6834-92-0   | Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt     | CA PROP.65: No; CA TAC, Title 8: No |
| 166736-08-9 | Oxirane, methyl-, polymer with oxirane, mono(2-propylheptyl) ether | CA PROP.65: No; CA TAC, Title 8: No |
| 25498-49-1  | Propanol, [2-(2-Methoxymethylethoxy)methylethoxy]-                 | CA PROP.65: No; CA TAC, Title 8: No |
| 7320-34-5   | Potassium pyrophosphate                                            | CA PROP.65: No; CA TAC, Title 8: No |

## 16. Other Information

### Hazard Rating System:

|              |   |
|--------------|---|
| HEALTH       | 1 |
| FLAMMABILITY | 0 |
| PHYSICAL     | 0 |
| PPE          | B |

HMIS:



### Revision Date:

05/28/2015

### Additional Information About

No data available.

### This Product:

### Company Policy or

### Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.

# MATERIAL SAFETY DATA SHEET

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## Section 1: PRODUCT & COMPANY IDENTIFICATION

|                                                            |                                                               |
|------------------------------------------------------------|---------------------------------------------------------------|
| <b>Product Name:</b> Filter Oil (Red)                      | <b>Company:</b> S&B Filters, Inc.                             |
| <b>Product Category:</b> Petroleum Lubricating Oil         | 787 S. Wanamaker Ave                                          |
| <b>Product Grade (Viscosity):</b> All Grades (Viscosities) | Ontario, CA 91761                                             |
| <b>MSDS Form:</b> APL                                      | <b>Information &amp; Technical Assistance:</b> (909) 947-0015 |
| <b>MSDS Issue Date:</b> 3/16/14                            | <b>Emergency ONLY Phone (Chemtrec):</b> (800) 424-9300        |
|                                                            | International (collect calls accepted): (703) 527-3887        |

## Section 2: COMPOSITION / INFORMATION ON INGREDIENTS

| Components             | CAS                                | Number(s)      | Approximate | Concentration |
|------------------------|------------------------------------|----------------|-------------|---------------|
| Petroleum Hydrocarbons | 64742-54-7, 64742-65-0, 64742-58-1 | 96% or greater |             |               |
| 6474                   | 2-62-7                             |                |             |               |
| Proprietary Additives  | Mixture                            | 4%             |             | or less       |

## Section 3: HAZARDS IDENTIFICATION

### Route of Exposure

**Ingestion:** Low order of toxicity. May cause irritation in very sensitive individuals.

**Inhalation:** No adverse affects on short term exposure.

**Eyes:** Expected to cause no more than mild irritation, except in very sensitive individuals.

**Skin:** Expected to cause no effects, except for prolonged exposure in sensitive individuals.

**Emergency Overview:** This product has a low order of toxicity and does not require a cancer hazard warning.

**HMIS Ratings:** Health: 1, Fire: 1, Reactivity: 0

**NFPA Ratings:** Health: 1, Fire: 1, Reactivity: 0

## Section 4: FIRST AID MEASURES

**Ingestion:** If ingested, DO NOT induce vomiting; Call a physician immediately.

**Inhalation:** Remove to fresh air. If breathing becomes irregular or stops; give oxygen, start resuscitation and call a physician immediately.

**Eye Contact:** Flush with fresh water for at least 15 minutes. Call a physician if irritation persists.

**Skin:** Wash thoroughly after exposure. Launder contaminated clothing. See a physician if irritation or inflammation develops.

## Section 5: FIRE FIGHTING MEASURES

**Flashpoint:** >300 deg. F, COC. Vapors could ignite if heated above flash point.

**LEL and UEL:** No Data

**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Foam, Water Fog or Spray (avoid using water stream) and Vaporizing Liquid

**Special Fire Fighting Procedures:** SCBA recommended. Use water to keep sealed containers cool. Water stream may cause splattering or transport flame. Water spray may be used to flush spills away from exposures or to disperse vapors.

**Hazards and Products Produced from Thermal Decomposition:** Fumes, smoke, carbon monoxide, sulfur oxides and toxic gases.

Filter Oil Red, cont.

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## Section 6: ACCIDENTAL RELEASE MEASURES

This product may be classified as an oil under Section 311 of the Clean Water Act and Oil Pollution Act. Spills or discharges into or leading to surface waters, that cause a sheen, must be reported to the National Response Center. Recover free product. Divert product from watercourses and sewers. Contain and absorb all product. Assure conformity with all applicable governmental regulations for reporting and disposal.

## Section 7: STORAGE AND HANDLING

**Handling Precautions:** Avoid skin contact, breathing vapors and change contaminated clothing. Use in well ventilated areas. Wear recommended protective equipment. Practice good personal hygiene after handling. Do not cut, weld, braze or in any way alter empty containers or expose to any ignition source.

**Storage:** Store in approved closed containers in well ventilated areas away from sources of ignition and strong oxidants

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:** TLV .5 mg/m<sup>3</sup> for oil mist in 8 hour work day

**Respiratory Protection:** Not usually required. Use supplied-air respiratory protection in confined or enclosed spaces, if needed. Supply sufficient ventilation so permitted exposure levels are not exceeded.

**Skin Protection:** Use chemical resistant gloves, aprons, and shoes, etc. to avoid prolonged and repeated skin contact. Launder soiled clothing before reuse.

**Eye Protection:** Use splash goggles or face shield when eye contact may occur.

**Hygienic Practices:** Minimize breathing vapor, mist or fumes. Wash thoroughly before meals, breaks, and at the end of work period. Remove contaminated clothing and launder before reuse. Product is readily removed from skin by waterless hand cleaners, followed by washing thoroughly with soap and water.

## Section 9: PHYSICAL & CHEMICAL PROPERTIES

**Boiling Range:** >500 deg. F      **Solubility(in water):** Negligible      **Physical Form:** Red Oily Liquid

**Vapor Density(air=1):** >5      **Evaporation Rate(water=1):** <.01      **Specific Gravity:** .80 to .90

**%Volatile by Volume:** Negligible      **Vapor Pressure:** <.01 mm Hg@ 20 degrees C      **pH:** Neutral

## Section 10: STABILITY AND REACTIVITY

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc., as this presents a serious explosion hazard.

## Section 11: TOXICOLOGICAL INFORMATION

**Oral Toxicity:** Swallowing product may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea and abdominal pain. Acute Oral LD 50 (rat) > 5 g/kg of body weight

**Eye Irritation:** Product contacting eyes may cause irritation.

**Skin Irritation:** Repeated and prolonged overexposure to oil and/or oil mists may cause irritation, inflammation and increased incidence of infection. Acute Dermal LD50 (rabbit) > 3.16 g/kg of body weight

**Carcinogenic:** Components of this product have not been identified as a carcinogen by NTP, IARC or OSHA

## **Section 12: ECOLOGICAL INFORMATION**

This product is expected to have adverse affects if rel eased into the environment. Do not discharge or releas e this product to the environment, public waters OR waterways.

## **Section 13: DISPOSAL CONSIDERATION**

Disposal options for this product are determined by federal, state and local regulations and the conditions under which it may have been used. This product is recyclable. Commit federal, state and local regulations for the proper disposal method.

## **Section 14: TRANSPORTATION INFORMATION**

**U.S. DOT HAZARDOUS MATERIALS SHIPPING INFORMATION:** "Not Regulated"

## **Section 15: REGULATORY INFORMATION**

The following information may be useful in complying with various local, state and federal laws and regulations addressing various statutes:

**SARA Sec. 301-304:** No TPQ for product or any constituent greater than 1 % or 0.1 % for carcinogen.

**SARA Sec. 313:** No toxic chemical is present greater than 1 % or 0.1 % for carcinogen.

**SARA Sec. 311-312:** No EPA Hazard Classification Code.

**TSCA:** All components are listed on the U.S. TSCA inventory, does not contain polychlorinated biphenyls.

**OSHA:** This product requires a warning label.

## **Section 16: OTHER INFORMATION**

The information contained in this Material Safety Data Sheet has been compiled from the most reliable and accurate sources available at the time this document was prepared. However, no liability shall be accepted by S&B Filters, Inc. for injury or loss resultant of the use of the product or information contained in this document.

The information contained in this document is intended to be used in conjunction with applicable standards for training, work practices and facility design established by such organizations as OSHA, NIOSH, NFPA, API, NEC, NSC, Underwriters, Bureau of Mines and others.

The information and recommendations are offered for the user 's consideration and exam ination. It is the user's responsibility to satisfy itself that they are suitable and complete for their particular Use.

Reviewed by: Russell Tracy

# MATERIAL SAFETY DATA SHEET

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## Section 1: PRODUCT & COMPANY IDENTIFICATION

|                                                            |                                                               |
|------------------------------------------------------------|---------------------------------------------------------------|
| <b>Product Name:</b> Filter Oil (Blue)                     | <b>Company:</b> S&B Filters, Inc.                             |
| <b>Product Category:</b> Petroleum Lubricating Oil         | 787 S. Wanamaker Ave                                          |
| <b>Product Grade (Viscosity):</b> All Grades (Viscosities) | Ontario, CA 91761                                             |
| <b>MSDS Form:</b> APL                                      | <b>Information &amp; Technical Assistance:</b> (909) 947-0015 |
| <b>MSDS Issue Date:</b> 04/16/14                           | <b>Emergency ONLY Phone (Chemtrec):</b> (800) 424-9300        |
|                                                            | International (collect calls accepted): (703) 527-3887        |

## Section 2: COMPOSITION / INFORMATION ON INGREDIENTS

| Components             | CAS                                | Number(s)      | Approximate | Concentration |
|------------------------|------------------------------------|----------------|-------------|---------------|
| Petroleum Hydrocarbons | 64742-54-7, 64742-65-0, 64742-58-1 | 96% or greater |             |               |
| 6474                   |                                    | 2-62-7         |             |               |
| Proprietary Additives  | Mixture                            | 4%             |             | or less       |

## Section 3: HAZARDS IDENTIFICATION

### Route of Exposure

**Ingestion:** Low order of toxicity. May cause irritation in very sensitive individuals.

**Inhalation:** No adverse affects on short term exposure.

**Eyes:** Expected to cause no more than mild irritation, except in very sensitive individuals.

**Skin:** Expected to cause no effects, except for prolonged exposure in sensitive individuals.

**Emergency Overview:** This product has a low order of toxicity and does not require a cancer hazard warning.

**HMIS Ratings:** Health: 1, Fire: 1, Reactivity: 0

**NFPA Ratings:** Health: 1, Fire: 1, Reactivity: 0

## Section 4: FIRST AID MEASURES

**Ingestion:** If ingested, DO NOT induce vomiting; Call a physician immediately.

**Inhalation:** Remove to fresh air. If breathing becomes irregular or stops; give oxygen, start resuscitation and call a physician immediately.

**Eye Contact:** Flush with fresh water for at least 15 minutes. Call a physician if irritation persists.

**Skin:** Wash thoroughly after exposure. Launder contaminated clothing. See a physician if irritation or inflammation develops.

## Section 5: FIRE FIGHTING MEASURES

**Flashpoint:** >300 deg. F, COC. Vapors could ignite if heated above flash point.

**LEL and UEL:** No Data

**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Foam, Water Fog or Spray (avoid using water stream) and Vaporizing Liquid

**Special Fire Fighting Procedures:** SCBA recommended. Use water to keep sealed containers cool. Water stream may cause splattering or transport flame. Water spray may be used to flush spills away from exposures or to disperse vapors.

**Hazards and Products Produced from Thermal Decomposition:** Fumes, smoke, carbon monoxide, sulfur oxides and toxic gases.

Filter Oil (Blue), cont.

1 of 3

## Section 6: ACCIDENTAL RELEASE MEASURES

This product may be classified as an oil under Section 311 of the Clean Water Act and Oil Pollution Act. Spills or discharges into or leading to surface waters, that cause a sheen, must be reported to the National Response Center. Recover free product. Divert product from watercourses and sewers. Contain and absorb all product. Assure conformity with all applicable governmental regulations for reporting and disposal.

## Section 7: STORAGE AND HANDLING

**Handling Precautions:** Avoid skin contact, breathing vapors and change contaminated clothing. Use in well ventilated areas. Wear recommended protective equipment. Practice good personal hygiene after handling. Do not cut, weld, braze or in any way alter empty containers or expose to any ignition source.

**Storage:** Store in approved closed containers in well ventilated areas away from sources of ignition and strong oxidants

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:** TLV .5 mg/m<sup>3</sup> for oil mist in 8 hour work day

**Respiratory Protection:** Not usually required. Use supplied-air respiratory protection in confined or enclosed spaces, if needed. Supply sufficient ventilation so permitted exposure levels are not exceeded.

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**Hygienic Practices:** Minimize breathing vapor, mist or fumes. Wash thoroughly before meals, breaks, and at the end of work period. Remove contaminated clothing and launder before reuse. Product is readily removed from skin by waterless hand cleaners, followed by washing thoroughly with soap and water.

## Section 9: PHYSICAL & CHEMICAL PROPERTIES

**Boiling Range:** >500 deg. F      **Solubility(in water):** Negligible      **Physical Form:** Red Oily Liquid

**Vapor Density(air=1):** >5      **Evaporation Rate(water=1):** <.01      **Specific Gravity:** .80 to .90

**%Volatile by Volume:** Negligible      **Vapor Pressure:** <.01 mm Hg@ 20 degrees C      **pH:** Neutral

## Section 10: STABILITY AND REACTIVITY

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc., as this presents a serious explosion hazard.

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**Eye Irritation:** Product contacting eyes may cause irritation.

**Skin Irritation:** Repeated and prolonged overexposure to oil and/or oil mists may cause irritation, inflammation and increased incidence of infection. Acute Dermal LD50 (rabbit) > 3.16 g/kg of body weight

**Carcinogenic:** Components of this product have not been identified as a carcinogen by NTP, IARC or OSHA

Filter Oil (Blue), cont.

## **Section 12: ECOLOGICAL INFORMATION**

This product is expected to have adverse affects if rel eased into the environment. Do not discharge or releas e this product to the environment, public waters OR waterways.

## **Section 13: DISPOSAL CONSIDERATION**

Disposal options for this product are determined by federal, state and local regulations and the conditions under which it may have been used. This product is recyclable. Commit federal, state and local regulations for the proper disposal method.

## **Section 14: TRANSPORTATION INFORMATION**

**U.S. DOT HAZARDOUS MATERIALS SHIPPING INFORMATION:** "Not Regulated"

## **Section 15: REGULATORY INFORMATION**

The following information may be useful in complying with various local, state and federal laws and regulations addressing various statutes:

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**SARA Sec. 313:** No toxic chemical is present greater than 1 % or 0.1 % for carcinogen.

**SARA Sec. 311-312:** No EPA Hazard Classification Code.

**TSCA:** All components are listed on the U.S. TSCA inventory, does not contain polychlorinated biphenyls.

**OSHA:** This product requires a warning label.

## **Section 16: OTHER INFORMATION**

The information contained in this Material Safety Data Sheet has been compiled from the most reliable and accurate sources available at the time this document was prepared. However, no liability shall be accepted by S&B Filters, Inc. for injury or loss resultant of the use of the product or information contained in this document.

The information contained in this document is intended to be used in conjunction with applicable standards for training, work practices and facility design established by such organizations as OSHA, NIOSH, NFPA, API, NEC, NSC, Underwriters, Bureau of Mines and others.

The information and recommendations are offered for the user 's consideration and exam ination. It is the user's responsibility to satisfy itself that they are suitable and complete for their particular Use.

Reviewed by: Russell Tracy

# MATERIAL SAFETY DATA SHEET

## Section 1: PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Air Filter Cleaner

**Company:**

S&B Filters, Inc.  
787 S. Wanamaker Ave  
Ontario, CA 91761

**MSDS Form:**

**MSDS Issue Date:** 4/16/14

**Information & Technical Assistance:** (909) 947-0015

**Emergency ONLY Phone (Chemtrec):** (800) 424-9300  
International (collect calls accepted): (703) 527-3887

## Section 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| Hazardous Components | CAS#    | OSHA PEL | ACGIH TLV | Weight% (Optional) |
|----------------------|---------|----------|-----------|--------------------|
| Sodium Silicate      | 6834920 | 15MG/M3  | 10MG/M3   |                    |

**VOC Content:** Note g/L

## Section 3: PHYSICAL / CHEMICAL CHARACTERISTICS

**Flash Point:** >212F

**Specific Gravity:** 1.050

**Vapor Pressure:** Not Tested

**Melting Point:** Not Tested

**Vapor Density:** Not Tested

**Evaporation Rate:** Note Tested

**Solubility in Water:** 100%

**Appearance & Odor:** Clear colorless liquid with mild odor.

## Section 4: FIRE & EXPLOSION HAZARD DATA

**Flash Point:** >212F

**Flammable Limits:** Not Tested

**LEL:** Not Established

**UEL:** Not Established

**pH:** 12

**DOT#:** n/a

**NFPA Hazard Rating:** H  
(0-Least, 4-Extreme)

F R S  
1 0 0 0

**HMIS Hazard Rating:** H F R  
1 0 0

**Extinguishing Media:** CO2, Dry Foam

**Special Fire Fighting Procedures:** None

**Unusual Fire & Explosion Hazards:** None

## Section 5: REACTIVITY DATA

**Stability:** Stable

**Conditions to Avoid:** None

**Incompatible Materials to Avoid:** Strong Oxidizers

**Hazardous Decomposition or Byproducts:** CO, CO2

Air Filter Cleaner, cont.

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**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Strong Oxidizers

## Section 6: HEALTH HAZARD DATA

### Routes of Entry

**Inhalation?** – Possible

**Skin?** – Possible

**Ingestion?** – Possible

**Health Hazards:** Same as Signs and Symptoms of Exposures

**Note:** All Chemicals in this Product are found on the TSCA Inventory List.

**OSHA Carcinogenicity?** – Note                      **NTP?** – None    **IARC Monographs?** - None    #04436

### Signs and Symptoms of Over Exposure

**Eyes:** Burning Sensation

**Skin:** Irritant to skin with prolong contact

**Ingestion:** Burning Irritation

**Inhalation:** Not Expected to be a Problem

**Medical Conditions Generally Aggravated by Exposure** – Same as Signs and Symptoms of Exposure

### Emergency and First Aid Procedures

**Eyes:** Flush with Water for 15 Minutes. If Irritation Persists, Call Physician

**Skin:** Wash off with Soap & Water, If Irritation Persists, Call Physician

**Ingestion:** Drink Large Amounts of Water, Call Physician

**Inhalation:** Get Person to Fresh Air, If Unconscious, Call Physician

## Section 7: PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps to be taken in case material is released or spilled:** Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container.

**Waste Disposal Method:** Dispose of in accordance with state and local regulations.

**Precautions to Be Taken in Handling and Storing:** Store in a cool, dry place, out of direct sunlight. Do not freeze, less than or equal to 32F, or heat above 110F.

**Other Precautions:** Keep out of reach of children. Follow directions on the container for proper use of this product.

## Section 8: CONTROL MEASURES

**Respiratory Protection** - Open all doors and windows. If there is an exposure, and it is above the TLV or PEL, a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134, is required.

|                     |                              |               |
|---------------------|------------------------------|---------------|
| <b>Ventilation:</b> | Local Exhaust - If Available | Special- None |
|                     | Mechanical- If Available     | Other - None  |

**Protective Gloves:** Plastic or Rubber, Chemical Resistant

Air Filter Cleaner, cont.

**Eye Protection-** Glasses, Goggles

**Other Protective Clothing or Equipment:** None

**Work Hygienic Practices:** Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor for other practices. All practices depend on your specific business. Directions for use normally found on label which will dictate engineering and control measures.

Other Special Requirements

Note: S&B Filters believes the data set forth are accurate, S&B Filters makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion

Prepared by Solaiman Jonatan