

**SAFETY DATA SHEET**  
**Spray & Forget Revolutionary Roof Cleaner**  
**Concentrate**

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Spray & Forget Revolutionary Roof Cleaner Concentrate

**Manufacturer Information:**

**Company Name:**

**Supplier Name and Address:**

**Company Name:** W. M. Barr **Phone Number:** (901)775-0100

2105 Channel Avenue

Memphis, TN 38113

**Web site address:** www.wmbarr.com

**Emergency Contact:** 3E 24 Hour Emergency Contact (800)451-8346

**Information:** W.M. Barr Customer Service (800)398-3892

**Intended Use:** Cleaner

**Product Code:** SFIG-J, SF1G-J2, SF1G-J4, CANSF1G-J, CANSF1G-J2, CANSF1G-J4, SFRCG01, SFRCG02, SFRCG04

**2. HAZARDS IDENTIFICATION**

**Acute Toxicity: Oral, Category 4**

**Acute Toxicity: Skin, Category 4**

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

**Serious Eye Damage/Eye Irritation, Category 1**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:** H302: Harmful if swallowed.  
H312: Harmful in contact with skin.  
H314: Causes severe skin burns and eye damage.  
H318: Causes serious eye damage.

**GHS Precaution Phrases:** P260: Do not breathe mist/vapors/spray.  
P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**GHS Response Phrases:** P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P302+352: IF ON SKIN: Wash with plenty of soap and water.  
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310: Immediately call a POISON CENTER or doctor/physician.  
P321: Specific treatment see label.  
P322: Specific measures see label.  
P330: Rinse mouth.  
P363: Wash contaminated clothing before reuse.

**GHS Storage and Disposal Phrases:** P405: Store locked up.  
P501: Dispose of contents/container according to local, state and federal regulations.

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**Potential Health Effects** Listed above.  
**(Acute and Chronic):**

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	10.0 -30.0 %

**Additional Chemical Information** Specific percentage of composition is being withheld as a trade secret.

### 4. FIRST AID MEASURES

<b>Emergency and First Aid Procedures:</b>	IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
<b>In Case of Inhalation:</b>	IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
<b>In Case of Skin Contact:</b>	IF ON SKIN: Wash with plenty of soap and water.
<b>In Case of Eye Contact:</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>In Case of Ingestion:</b>	If swallowed, do not induce vomiting unless directed to do so by medical personnel.
<b>Signs and Symptoms Of Exposure:</b>	Refer to Section 2.

### 5. FIRE FIGHTING MEASURES

<b>Flash Pt:</b>	175.00 F (79.4 C) Method Used: Closed Cup
<b>Explosive Limits:</b>	LEL: N.D. UEL: N.D.
<b>Autoignition Pt:</b>	N.D.
<b>Suitable Extinguishing Media:</b>	Use extinguishing agent suitable for type of surrounding fire.
<b>Fire Fighting Instructions:</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
<b>Flammable Properties and Hazards:</b>	Combustible.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Protective Precautions, Protective Equipment and Emergency Procedures:</b>	Eye protection recommended Rubber gloves
<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	Flush area with flooding quantities of water.

### 7. HANDLING AND STORAGE

<b>Precautions To Be Taken in Handling:</b>	Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. A source of clean water should be kept in the immediate work area for flushing of the eyes and skin.
<b>Precautions To Be Taken in Storing:</b>	Store in a closed container.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	No data.	No data.	No data.

<b>Respiratory Equipment (Specify Type):</b>	When used as directed, respiratory equipment should not be needed.
<b>Eye Protection:</b>	Eye protection recommended
<b>Protective Gloves:</b>	Rubber gloves
<b>Other Protective Clothing:</b>	No data available.
<b>Engineering Controls (Ventilation etc.):</b>	No special ventilation requirements.
<b>Work/Hygienic/Maintenance Practices:</b>	A source of clean water should be available in the work area for flushing of eyes and skin. Wash hands thoroughly after use and before eating, drinking, or smoking.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid
<b>Appearance and Odor:</b>	Orange liquid with citrus odor.
<b>Melting Point:</b>	N.D.
<b>Boiling Point:</b>	> 99.90 F (37.7 C)
<b>Decomposition Temperature:</b>	N.D.
<b>Autoignition Pt:</b>	N.D.
<b>Flash Pt:</b>	175.00 F (79.4 C) Method Used: Closed Cup
<b>Explosive Limits:</b>	LEL: N.D. UEL: N.D.
<b>Specific Gravity (Water = 1):</b>	0.985
<b>Density:</b>	8.22
<b>Vapor Pressure (vs. Air or mm Hg):</b>	N.D.
<b>Vapor Density (vs. Air = 1):</b>	N.D.
<b>Evaporation Rate:</b>	< 1 (BuAC=1)
<b>Solubility in Water:</b>	100%
<b>Solubility Notes:</b>	Completely water soluble.
<b>Viscosity:</b>	N.D.
<b>pH:</b>	9.47
<b>Percent Volatile:</b>	71.58 % by weight.
<b>VOC / Volume:</b>	3.5000 % WT
<b>Additional Physical Information</b>	VOC (wt%): 0.389 with dilution

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## 10. STABILITY AND REACTIVITY

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** None known.

**Incompatibility - Materials To Avoid:** None known.

**Hazardous Decomposition or Byproducts:** Decomposition may produce carbon monoxide and carbon dioxide.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** None known.

## 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** This product has not been tested as a whole. Information below will be for individual ingredients. Refer to section 2 for acute and chronic health effects.

CAS# 68424-85-1:  
Acute toxicity, LD50, Oral, Rat, 426.0 MG/KG.  
Result:  
Behavioral: Irritability.  
Skin and Appendages: Skin: After topical exposure: Primary irritation.  
- U.S. Army, Environmental Hygiene Agency Reports., Vol/p/yr: 5177T7-66, 1967

Acute toxicity, LD50, Intraperitoneal, Rat, 100.0 MG/KG.  
Result:  
Vascular: Tumors.  
Skin and Appendages: Skin: After topical exposure: Primary irritation.  
Tumorigenic: Increased incidence of tumors in susceptible strains.  
- U.S. Army, Environmental Hygiene Agency Reports., Vol/p/yr: 5177T7-66, 1967

Standard Draize Test, Skin, Species: Rabbit, 25.00 MG, Severe.  
Result:  
Nutritional and Gross Metabolic: Weight loss or decreased weight gain.  
Nutritional and Gross Metabolic: Changes in phosphorus.  
Nutritional and Gross Metabolic: Changes in: K.  
- U.S. Army, Environmental Hygiene Agency Reports., Vol/p/yr: 5177T7-66/

## 12. ECOLOGICAL INFORMATION

**General Ecological Information:** This product has not been tested as a whole. Information below will be for individual ingredients.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose in accordance with applicable local, state, and federal regulations.

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**14. TRANSPORT INFORMATION**

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Compounds, cleaning liquid  
**DOT Hazard Class:** 8 CORROSIVE  
**UN/NA Number:** NA1760 **Packing Group:** III



**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** Corrosive liquids, n.o.s.  
**UN Number:** 1760 **Packing Group:** III  
**Hazard Class:** 8 - CORROSIVE **TDG Classification:**

**Additional Transport Information:**

The shipper / supplier may be able to apply one of the following exceptions if allowed under 49 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49 CFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

**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)
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	No	No	No

CAS #	Hazardous Components (Chemical Name)	Canadian NPRI	Canadian IDL	Canadian DSL
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	No	No	Yes

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	

**Canadian WHMIS Classification:**

No data available.

**Additional Regulatory Information**  
**Regulatory Information Statement:**

This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.

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**16. OTHER INFORMATION**

**Revision Date:** 12/11/2018

**Additional Information About** N.D.: Not determined.

**This Product:**

**Company Policy or**

**Disclaimer:**