

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

|                     |   |                         |                      |  |  |
|---------------------|---|-------------------------|----------------------|--|--|
| <b>PRODUCT NAME</b> | Spray & Forget Roof Cleaner Concentrate |                         |                      |  |  |
| <b>PRODUCT CODE</b> | SF1G-J<br>SF5G-P<br>SF55G-D<br>SF275G-T | <b>MANUFACTURED FOR</b> | Spray & Forget       |  |  |
| <b>ISSUE DATE</b>   | 05-01-2010                              | <b>STREET ADDRESS</b>   | PO BOX 16478         |  |  |
| <b>SUPERCEDES</b>   | 10-19-2009                              | <b>CITY, STATE ZIP</b>  | Sugar Land, TX 77496 |  |  |
|                     |   | <b>PHONE</b>            | (866) 741-0826       |  |  |

## SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

| INGREDIENTS                           | CAS No. | <u>EXPOSURE LIMITS</u> |           |         | OTHER LIMITS |
|---------------------------------------|---------|------------------------|-----------|---------|--------------|
|                                       |         | OSHA PEL/TLV           | ACGIH TLV | STEL    |              |
| Proprietary Cationic Surfactant Blend |         | NE                     | NE        | NE      | NE           |
| Proprietary Inerts                    |         | Unknown                | Unknown   | Unknown | Unknown      |

## SECTION 3 – HAZARDS IDENTIFICATION

|                           |   |
|---------------------------|---|
| <b>EMERGENCY OVERVIEW</b> | Can cause severe eye and skin irritation. Do not get in eyes. |
|---------------------------|---|

|                                 |                                   |
|---------------------------------|-----------------------------------|
| <b>POTENTIAL HEALTH EFFECTS</b> |                                   |
| <b>INGESTION</b> .....          | Harmful if swallowed              |
| <b>INHALATION</b> .....         | NA                                |
| <b>EYE CONTACT</b> .....        | Can cause severe eye irritation   |
| <b>SKIN CONTACT</b> .....       | Can causes severe skin irritation |

## SECTION 4 – FIRST AID MEASURES

|                          |   |
|--------------------------|---|
| <b>INGESTION</b>         | Drink large quantities of water. DO NOT INDUCE VOMITING. See a physician immediately.   |
| <b>INHALATION</b>        | If respiratory irritation occurs, leave area until vapors have dispersed.   |
| <b>EYE CONTACT</b>       | Flush with water for 15 minutes. See a physician immediately.   |
| <b>SKIN CONTACT</b>      | Wash with water and soap.   |
| <b>NOTE TO PHYSICIAN</b> | Probable mucosal damage may contraindicate the use of gastric lavage. Breathing may be assisted with support. Administer oxygen if necessary. |

|         |   |      |                                      |
|---------|---|------|--------------------------------------|
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|---------|---|------|--------------------------------------|

## SECTION 5 – FIRE FIGHTING MEASURES

|                                  |   |                  |    |
|----------------------------------|---|------------------|----|
| FLASH POINT / METHOD             | >200°   | FLAMMABLE LIMITS | ND |
| % VOLATILE                       | NA  |                  |    |
| EXTINGUISHING MEDIA              | Dry chemical, alcohol foam, water mist  |                  |    |
| SPECIAL FIRE FIGHTING PROCEDURES | Firefighters should wear a self-contained breathing apparatus as in all chemical fires. |                  |    |
| FIRE AND EXPLOSION HAZARDS       | None  |                  |    |

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

|                    |  |
|--------------------|--|
| RESPONSE TO SPILLS | Stop leak. Absorb material with an inert material, place in a appropriate container for disposal. Do not allow spilled material to enter drainage systems or open water courses. |
|--------------------|--|

## SECTION 7 – HANDLING AND STORAGE

|                      |   |
|----------------------|---|
| HANDLING PRECAUTIONS | Wash hands before eating.<br>Keep container tightly closed when not in use. |
| STORAGE PRECAUTIONS  | Store away from heat and sparks.  |

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTIONS

|                      |   |
|----------------------|---|
| HYGIENIC PRACTICES   | Normal procedures for good hygiene. Observe label precautions. Use personal protection equipment.     |
| ENGINEERING CONTROLS | Use general mechanical ventilation to remove vapors at the source.<br>Eyewash station is recommended. |

|   |                              |  |
|---|------------------------------|--|
|   | <b>RESPIRATOR</b>            | Not required in open air environments            |
| X | <b>GOGGLES / FACE SHIELD</b> | Required: goggles should be chemical splash type |
|   | <b>APRON</b>                 | Not required                                     |
| X | <b>GLOVES</b>                | Required: PVC, Neoprene, Nitrile acceptable      |
|   | <b>BOOTS</b>                 | Not required                                     |

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

|                     |                               |                                    |               |
|---------------------|-------------------------------|------------------------------------|---------------|
| APPEARANCE          | Light Orange liquid           | BOILING POINT                      | 200 °F        |
| ODOR                | Citrus                        | VAPOR PRESSURE                     | 44 mmHg @ 68F |
| PH                  | 7.5-8.5 (10% Active Solution) | VAPOR DENSITY                      | NA            |
| SPECIFIC GRAVITY    | 0.94                          | EVAPORATION RATE (butyl acetate=1) | < 1           |
| SOLUBILITY IN WATER | Soluble                       |                                    |               |

|         |   |      |                                      |
|---------|---|------|--------------------------------------|
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|---------|---|------|--------------------------------------|

## SECTION 10 – STABILITY AND REACTIVITY

|                                     |   |                       |   |  |                  |  |
|-------------------------------------|---|-----------------------|---|--|------------------|--|
| CHEMICAL STABILITY                  |   | <b>STABLE</b>         | X |  | <b>UNSTABLE</b>  |  |
| <b>CONDITIONS TO AVOID</b>          | No special precautions beyond standard safe industrial practices. |                       |   |  |                  |  |
| INCOMPATIBILITY                     | Anionic detergents and strong oxidizing or reducing agents        |                       |   |  |                  |  |
| HAZARDOUS PRODUCTS OF DECOMPOSITION | Thermal decomposition may generate oxides of carbon and nitrogen  |                       |   |  |                  |  |
| POLYMERIZATION                      |   | <b>WILL NOT OCCUR</b> | X |  | <b>MAY OCCUR</b> |  |
| <b>CONDITIONS TO AVOID</b>          | Elevated temperatures and sources of ignition.                    |                       |   |  |                  |  |

## SECTION 11 – TOXICOLOGICAL INFORMATION

### CARCINOGENICITY

|   |   |
|---|---|
|   | THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN   |
| X | THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910,Z |

### OTHER EFFECTS

|                   |                           |
|-------------------|---------------------------|
| <b>ACUTE</b>      | Severe irritation to eyes |
| <b>CHRONIC</b>    | None known                |
| <b>ORAL LD/50</b> | None known                |

## SECTION 12- DISPOSAL CONSIDERATIONS

|                |  |
|----------------|--|
| WASTE DISPOSAL | Consult with local environmental authorities |
|----------------|--|

## SECTION 13 – TRANSPORT INFORMATION

|                    |  |                  |  |  |                      |   |
|--------------------|--|------------------|--|--|----------------------|---|
| DOT CLASSIFICATION |  | <b>HAZARDOUS</b> |  |  | <b>NOT HAZARDOUS</b> | X |
| <b>DESCRIPTION</b> |  |                  |  |  |                      |   |
|                    |  |                  |  |  |                      |   |

## SECTION 14 – OTHER INFORMATION

### HMIS CLASSIFICATION

|   |               |                |
|---|---------------|----------------|
| 2 | <b>BLUE</b>   | HEALTH HAZARD  |
| 1 | <b>RED</b>    | FLAMMABILITY   |
| 0 | <b>YELLOW</b> | REACTIVITY     |
|   | <b>WHITE</b>  | SPECIAL HAZARD |

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Spray & Forget in connection with the use of this information.