

Issue Date 12-Mar-2014

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Version 3

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product Name** AF-7800**Other means of identification****Product Code** 009  
**Synonyms** None**Recommended use of the chemical and restrictions on use****Recommended Use** Process/Cooling/Wastewater Non-Silicone, Food Grade Antifoam.  
**Uses advised against** No information available**Manufacturer Address**

Anderson Chemical Company, 325 South Davis Avenue, Litchfield, MN 55355 (320-693-2477)

**Emergency telephone number**

Chemtrec 1-800-424-9300

**2. HAZARDS IDENTIFICATION****Classification****OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

**Label elements****Emergency Overview**

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** No information available      **Physical state** Liquid Emulsion      **Odor** Bland**Precautionary Statements - Response****Hazards not otherwise classified (HNOC)****Other Information**

Unknown Acute Toxicity      100% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

The product contains no substances which at their given concentration, are considered to be hazardous to health.

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****First aid measures**

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|                     |   |
|---------------------|---|
| <b>Eye contact</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. (Get medical attention immediately if irritation persists.).   |
| <b>Skin Contact</b> | Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. Get medical attention if irritation develops and persists.   |
| <b>Inhalation</b>   | None under normal use conditions.   |
| <b>Ingestion</b>    | Immediate medical attention is not required. No first aid should be needed. Seek medical attention if large quantities are consumed. Do not induce vomiting except by physician's order. If spontaneous vomiting is inevitable, prevent aspiration by keeping victim's head below the knees. Comments: Treat according to person's condition and specifics of exposure. |

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Dry chemical. Carbon dioxide (CO2). Foam.

**Unsuitable extinguishing media** None known.

**Specific hazards arising from the chemical**

No information available.

**Hazardous combustion products** Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: carbon oxides and traces of incompletely burned carbon compounds, silicon dioxide.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use personal protective equipment as required.

**Environmental precautions** No information available. See Section 12 for additional ecological information.

**Methods for containment** Dike to collect large liquid spills. Remove free liquid. Contain spill and keep from entering waterways or sewers.

**Methods for cleaning up** Use personal protective equipment. Absorb on inert material. Shovel, sweep, or vacuum spill and place in closed container for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling****Advice on safe handling**

Use personal protective equipment as required. Neoprene rubber or other chemical resistant material such as nitrile or viton may be used. Always wear eye protection. Goggles or safety glasses with side shields are recommended.

**Conditions for safe storage, including any incompatibilities****Storage Conditions**

Store this product below 110 deg F (43 deg C) in a cool, dry, well-ventilated area away from direct sources of heat, moisture, or sunlight. Do not store near strong oxidizing materials. Preferentially store below 77 deg F (25 deg C). Protect product from freezing. Keep container tightly closed when handling or storing. Do not dilute product with water and store in diluted form. Exercise good personal and industrial hygiene. Avoid unsanitary conditions, usage, and storage.

**Incompatible materials**

None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines****Appropriate engineering controls**

Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

No special technical protective measures are necessary.

**Skin and body protection**

No special technical protective measures are necessary.

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties****Physical state**

Liquid Emulsion

**Appearance**

No information available

**Odor**

Bland

**Color**

white

**Odor threshold**

No information available

**Property****Values****Remarks • Method****pH**

5.0

**Melting point/freezing point**

No information available <32 °F

**Boiling point / boiling range**

No information available >200 °F

**Flash point**

No information available >212 °F

**Evaporation rate**

No information available

**Flammability (solid, gas)**

No information available

**Flammability Limit in Air****Upper flammability limit:**

No information available

**Lower flammability limit:**

No information available

**Vapor pressure**

No information available

**Vapor density**

No information available

|                                     |                            |
|-------------------------------------|----------------------------|
| <b>Specific Gravity</b>             | 0.9904                     |
| <b>Water solubility</b>             | Dispersible with Agitation |
| <b>Solubility in other solvents</b> | No information available   |
| <b>Partition coefficient</b>        | No information available   |
| <b>Autoignition temperature</b>     | No information available   |
| <b>Decomposition temperature</b>    | No information available   |
| <b>Kinematic viscosity</b>          | No information available   |
| <b>Dynamic viscosity</b>            | No information available   |
| <b>Explosive properties</b>         | No information available   |
| <b>Oxidizing properties</b>         | No information available   |

**Other Information**

|                         |                          |
|-------------------------|--------------------------|
| <b>Softening point</b>  | No information available |
| <b>Molecular weight</b> | No information available |
| <b>VOC Content (%)</b>  | No information available |
| <b>Density</b>          | No information available |
| <b>Bulk density</b>     | No information available |

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

|                                 |  |
|---------------------------------|--|
| <b>Hazardous polymerization</b> | Hazardous polymerization does not occur. |
|---------------------------------|--|

**Conditions to avoid**

See Section 7.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

Incomplete combustion may produce carbon monoxide and other asphyxiants.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

|                            |                    |
|----------------------------|--------------------|
| <b>Product Information</b> | No data available  |
| <b>Inhalation</b>          | No data available. |
| <b>Eye contact</b>         | No data available. |
| <b>Skin Contact</b>        | No data available. |
| <b>Ingestion</b>           | No data available. |

**Information on toxicological effects**

|                 |                           |
|-----------------|---------------------------|
| <b>Symptoms</b> | No information available. |
|-----------------|---------------------------|

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|                                 |                           |
|---------------------------------|---------------------------|
| <b>Sensitization</b>            | No information available. |
| <b>Germ cell mutagenicity</b>   | No information available. |
| <b>Carcinogenicity</b>          | No information available. |
| <b>Reproductive toxicity</b>    | No information available. |
| <b>STOT - single exposure</b>   | No information available. |
| <b>STOT - repeated exposure</b> | No information available. |
| <b>Aspiration hazard</b>        | No information available. |

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 100% of the mixture consists of ingredient(s) of unknown toxicity

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** No information available.

## 14. TRANSPORT INFORMATION

**Note:** This material is not subject to regulation as a hazardous material for shipping

**DOT**

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## 15. REGULATORY INFORMATION

**International Inventories**

|                      |                 |
|----------------------|-----------------|
| <b>TSCA</b>          | Does not comply |
| <b>DSL/NDSL</b>      | Does not comply |
| <b>EINECS/ELINCS</b> | Does not comply |
| <b>ENCS</b>          | Does not comply |
| <b>IECSC</b>         | Does not comply |
| <b>KECL</b>          | Does not comply |

**PICCS** Does not comply  
**AICS** Does not comply

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations****U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not Applicable

**16. OTHER INFORMATION**

|                    |                         |                       |                           |   |
|--------------------|-------------------------|-----------------------|---------------------------|---|
| <b><u>NFPA</u></b> | <b>Health hazards</b> 0 | <b>Flammability</b> 0 | <b>Instability</b> 0      | <b>Physical and Chemical Properties</b> - |
| <b><u>HMIS</u></b> | <b>Health hazards</b> 0 | <b>Flammability</b> 0 | <b>Physical hazards</b> 0 | <b>Personal protection</b> X              |

**Prepared By** kcs  
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**Revision Note**  
 17-Sept-2020-Updated Section 15

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**