



SAFETY DATA SHEET

ACP-420 – Grout & Stone Sealer

Date: 7/6/2018

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Grout & Stone Sealer

Other Means of Identification

Product Code ACP-420

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Protective Seal & Impregnator

Restrictions on Use **FOR USE BY TRAINED PROFESSIONALS ONLY**

Details of the Supplier of the Safety Data Sheet

Manufacturer Address Arrow Chemical Products, Inc.
2067 Sainte Anne St.
Detroit, Michigan 48216

Emergency Telephone Number

Company Phone Number 313-237-0277

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

OTHER HAZARDS

The hazards of this product are associated mainly with its processing. Inhalation of decomposition products in high concentration may cause shortness of breath (lung edema). Inhalation of aerosol or fine spray mist may cause serious respiratory problems.

THIS PRODUCT IS FOR USE BY PROPERLY TRAINED PROFESSIONALS WITH APPROPRIATE SAFETY EQUIPMENT.

Appearance Off White Liquid

Physical State Liquid

Odor Sweet Odor

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product contains no substances which at their given concentration, are considered to be hazardous to health. The exact percentage of composition is being withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures

General Advice	If concerned: Get medical advice/attention.
Inhalation	Remove to fresh air. If condition persists seek medical attention.
Eye Contact	Flush eyes thoroughly with water for at least 15 minutes. If irritation persists, get medical attention.
Ingestion	Immediately drink 1-2 glasses of milk or water. DO NOT INDUCE VOMITING unless directed to do so by medical personnel. Get immediate medical attention.
Skin Contact	Wash off with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	Contact with eyes may cause irritation. Prolonged contact with skin may cause irritation.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Not a combustible. Use appropriate media for source of fire.

Unsuitable Extinguishing Media	None known. Do not allow run-off from fire-fighting to enter drains or water courses.
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Specific Hazards Arising from the Chemical

The product itself does not burn. Hazardous decomposition products formed under fire conditions. Hazardous combustion products: Hydrogen fluoride, carbon dioxide (CO₂), carbon monoxide and other hazardous decomposition products may be formed.

Hazardous Combustion Products	Hydrogen fluoride, carbon dioxide, carbon monoxide and other hazardous decomposition products may be formed.
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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	Evacuate personnel to safe areas. Ventilate the area. In case of insufficient ventilation, wear suitable respiratory equipment. Use personal protective equipment.
Environmental precautions:	Do not discharge to streams, ponds, lakes or sewers. Avoid subsoil penetration.

Methods and Material for Containment and Cleaning Up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
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Methods for Cleaning Up Absorb spilled material with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Avoid formation of respirable particles. Do not atomize or aerosolize this product. For spray applications use a coarse spray device such as a trigger sprayer or pressurized dispenser with particle size of greater than 15 microns. Use only low pressure (<60 psi) application devices that do not generate aerosols with particle size less than 15 microns. Do NOT use “Power Painter” or similar high pressure application devices. Do not breathe vapor or mist. Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas. Do not handle until all safety precautions have been read and understood. Observe precautions found on the label. To avoid thermal decomposition, do not overheat.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions To avoid thermal decomposition, do not overheat. Thermal decomposition can lead to release of irritating gases and vapors. Do not spray near open flame or heated surface. Keep container closed when not in use. Store locked up. Store in a cool dry place. Store in accordance with local regulations. Keep out of the reach of children.

Storage Temperature 5 – 40° C (41-104° F)

Incompatible Materials None known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

No exposure limits noted for the ingredients.

Appropriate Engineering Controls

Engineering Controls Use only in area provided with appropriate exhaust ventilation. Use a low pressure (below 60 psi) device and keep particle size greater than 15 microns. Do NOT atomize or aerosolize this product. Keep spraying pressure below 60 psi.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Wear safety glasses or coverall chemical splash goggles.

Skin and Body Protection Rubber gloves or other impervious gloves. Wear lightweight protective clothing.

Respiratory Protection In case of mist or aerosol exposure wear suitable personal respiratory protection.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Sweet odor
Appearance	Off white Liquid	Odor Threshold	Not determined
Color	Off white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
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pH	4.5 – 6.5	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	212°F	
Flash Point	Not determined	
Evaporation Rate	Not determined	(Water = 1)
Flammability (Solid, Gas)	N/A- Liquid	
Specific Gravity	1.01	
Water Solubility	Not determined	
% Volatile by weight	6% - 9%	
Decomposition temperature	>200 °F – to avoid thermal decomposition, do not overheat	
Explosive Properties	Not an explosive	
% Volatile	65 – 89%	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

To avoid thermal decomposition, do not overheat.

Incompatible Materials

Cationic surfactants

Hazardous Decomposition Products

Carbon dioxide, carbon monoxide, hydrofluoric acid, incompletely burned carbon products; other hazardous decomposition products may be formed.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information	Oral LD: 11,000 mg/kg (rat). The toxicological data has been taken from products of similar composition.
Repeated dose toxicity	Oral – gavage (rat) -90 d NOAEL: 1,000 mg/kg
Inhalation	Based on similar materials, the fluorochemical component of this product, if dispersed as a fine aerosol, i.e., particle sizes of less than one to two microns diameter, may have the potential to induce a pneumonia-like condition.
Eye Contact	Contact with eyes may cause irritation.
Skin Contact	Prolonged contact with skin may cause irritation.
Ingestion	May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity	Not classified as a carcinogen per GHS criteria. Not classified as a carcinogen by NTP, IARC, or OSHA.
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Mutagenicity: Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Reproductive toxicity: Animal testing showed no reproductive toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity

This product contains no substances classified as hazardous to the environment in concentrations which should be taken into account.

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available

Other Adverse Effects

Not determined

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

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

TSCA Listed
This material contains one or more substances which are subject to a TSCA Section 5 Consent Order or Significant New Use Rule (SNUR). See 40 CFR 721.10146 for SNUR requirements. This material contains one or more substances which requires export notification under TSCA Section 12(b) and 40 CFR Part 707 Subpart D.

Partially Fluorinated Condensation Polymer
PMN Number: P-07-0087
This material shall not be distributed to consumers for use in spray applications.

US Federal Regulations

SARA 313

None Listed.

US State Regulations

U.S. State Right-to-Know Regulations

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute,

16. OTHER INFORMATION

Disclaimer

The information provided in this 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