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Version 1

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

SDS #	SVM-047-EU
Product Code	28164
	Formula code F1039B
Product Name	FabRinse AN

### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use	Rinsing agent
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### 1.3. Details of the Supplier of the Safety Data Sheet

#### Supplier

ServiceMaster™ Clean  
3635 Knight Road Ste 7  
Memphis, TN, USA. 38118

#### For further information, please contact

Contact Point	Phone: (901) 597-7602
Email Address	neeraj.gupta@servicemaster.com

### 1.4. Emergency telephone number

Emergency Telephone (24 hr)	INFOTRAC 1-352-323-3500 (International) 1-800-535-5053 (North America)
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## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

#### **Regulation (EC) No 1272/2008**

Not classified as dangerous according to Regulation (EC) No. 1272/2008.

#### **Classification according to 67/548/EEC**

Full text of R-phrases: see section 16

#### **Hazard Symbols**

Xn - Harmful

#### **R-code(s)**

Xn;R20/21/22

**2.2. Label Elements**

Not classified as dangerous according to Regulation (EC) No. 1272/2008.

**Signal Word**

None

**2.3. Other Hazards****General Hazards**

None known

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.2. Mixtures**

Chemical Name	EC No	CAS No	Weight-%	Classification according to 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Ammonium silicofluoride	Present	16919-19-0	1-5	T; R23/24/25 Xn; R22 (except those specified elsewhere in the annex)	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331)	Not determined

**Full text of R-phrases: see section 16**

**Full text of H- and EUH-phrases: see section 16**

## Section 4: FIRST AID MEASURES

**4.1. Description of First Aid Measures**

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
<b>Skin Contact</b>	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
<b>Inhalation</b>	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

**4.2. Most Important Symptoms and Effects, Both Acute and Delayed**

<b>Symptoms</b>	Eye: May cause irritation. Skin: May cause irritation. Inhalation: May cause respiratory tract irritation. Ingestion: May cause stomach distress, nausea or vomiting.
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**4.3. Indication of any Immediate Medical Attention and Special Treatment Needed**

<b>Notes to Physician</b>	Treat symptomatically.
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## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

#### **Suitable Extinguishing Media**

Dry chemical, water spray, or carbon dioxide.

#### **Unsuitable Extinguishing Media**

Not determined.

### 5.2. Special Hazards Arising from the Substance or Mixture

Product is not flammable or combustible.

#### **Hazardous Combustion Products**

May include and are not limited to oxides of carbon, oxides of nitrogen, hydrogen fluoride.

### 5.3. Advice for Firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

#### **Personal Precautions**

Use personal protective equipment as required.

#### **For Emergency Responders**

Use personal protection recommended in Section 8.

### 6.2. Environmental Precautions

Collect spillage.

### 6.3. Methods and Material for Containment and Cleaning Up

#### **Methods for Containment**

Prevent further leakage or spillage if safe to do so.

#### **Methods for Clean-Up**

Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

### 6.4. Reference to Other Sections

See Section 13: DISPOSAL CONSIDERATIONS.

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

#### **Advice on Safe Handling**

Keep out of the reach of children.

#### **General Hygiene Considerations**

Wash contaminated clothing before reuse.

**7.2. Conditions for Safe Storage, Including any Incompatibilities****Storage Conditions**

Store in a closed container away from incompatible materials. Do not store together with alkaline materials. Incompatible with: Chlorinated compounds. Metals. Oxidisers.

**7.3. Specific End Use(s)****Specific Use(s)**

Rinsing agent.

**Risk Management Methods (RMM)**

The information required is contained in this Safety Data Sheet.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control Parameters****Exposure Limits**

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Ammonium silicofluoride 16919-19-0	TWA 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> Skin
Component	Italy	Portugal	Netherlands	Finland	Denmark
Ammonium silicofluoride 16919-19-0 ( 1-5 )	TWA: 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup>	STEL: 2 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup>
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Ammonium silicofluoride 16919-19-0			STEL: 2 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	TWA: 0.5 mg/m <sup>3</sup> STEL: 1.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup>

**8.2. Exposure Controls****Engineering Controls**

General ventilation normally adequate.

**Personal Protective Equipment****Eye/Face Protection**

Safety glasses.

**Hand Protection**

Rubber gloves.

**Skin and Body Protection**

Suitable protective clothing.

**Respiratory Protection**

Under normal conditions, respirator is not normally required. In case of inadequate ventilation wear respiratory protection.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on Basic Physical and Chemical Properties****Physical State**

Liquid

**Appearance**

Hazy slight yellow to clear liquid

**Odour**

Floral

**Colour**

Hazy slight yellow to clear

**Odour Threshold**

Not determined

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

2.8-4.0

**Melting Point/Freezing Point**

Not determined

**Boiling Point/Boiling Range**

Not determined

**Flash Point**

None

**Evaporation Rate**

Not determined

**Flammability (Solid, Gas)**

Liquid-not regulated

**Flammability Limits in Air****Upper Flammability Limits**

Not applicable

**Lower Flammability Limit**

Not applicable

**Vapour Pressure**

Not determined

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Vapour Density	Not determined
Relative Density	1.023-1.029
Water Solubility	Completely soluble
Solubility(ies)	Not determined
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Kinematic Viscosity	Not determined
Dynamic Viscosity	water thin
Explosive Properties	Not determined
Oxidising Properties	Not determined

## 9.2. Other information

### Density

Density: pounds per gallon @ 25°C 8.562 +/- 0.025

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Not reactive under normal conditions. Do not mix with anything but water. Reacts with metals. Reacts vigorously with alkaline material. Hazardous vapors may be produced when mixed with chlorinated products.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of Hazardous Reactions

#### Possibility of Hazardous Reactions

None under normal processing.

### 10.4. Conditions to Avoid

Keep out of reach of children.

### 10.5. Incompatible Materials

Alkaline materials. Chlorinated products. Metals. Oxidisers.

### 10.6. Hazardous Decomposition Products

May include and are not limited to oxides of carbon, oxides of nitrogen, hydrogen fluoride when heated to decomposition.

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects

#### Acute Toxicity

#### Product Information

Eye Contact	Avoid contact with eyes.
Skin Contact	Avoid contact with skin.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not taste or swallow.

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**Unknown Acute Toxicity** 0.14% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document:

Oral LD50	2,273.00
Units	mg/kg
Dermal LD50	6,818.00
Units	mg/kg
Inhalation	
Gas	99,999.00
Units	mg/L
Mist	11.39
Units	mg/L
Vapor	99,999.00
Units	mg/L

### Component Information

<b>Skin corrosion/irritation</b>	Not classified.
<b>Serious eye damage/eye irritation</b>	Not classified.
<b>Sensitization</b>	Not classified.
<b>Germ cell mutagenicity</b>	Not classified.
<b>Carcinogenicity</b>	None known based on information supplied.
<b>Reproductive toxicity</b>	Not classified.
<b>STOT - single exposure</b>	Not classified.
<b>STOT - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not classified.
<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Ammonium silicofluoride		25.8: 96 h Pimephales promelas mg/L LC50 static	

### 12.2. Persistence and Degradability

Not determined.

### 12.3. Bioaccumulative Potential

Not determined.

**12.4. Mobility in Soil****Mobility**

Not determined.

**12.5. Results of PBT and vPvB Assessment**

Not determined.

**12.6. Other Adverse Effects**

Not determined.

**Section 13: DISPOSAL CONSIDERATIONS****13.1. Waste Treatment Methods****Waste from Residues / Unused Products**

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

**Contaminated Packaging**

Improper disposal or reuse of this container may be dangerous and illegal.

**Section 14: TRANSPORT INFORMATION****IMDG**

14.2 Proper Shipping Name Not regulated

**RID**

14.2 Proper Shipping Name Not regulated

**ADR**

14.2 Proper Shipping Name Not regulated

**ICAO (air)**

14.2 Proper Shipping Name Not regulated

**IATA**

14.2 Proper Shipping Name Not regulated

**Section 15: REGULATORY INFORMATION****15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture****European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work .

**International Inventories**

TSCA	All components in this product are listed or exempt from listing
EINECS/ELINCS	-
DSL/NDSL	Listed
PICCS	-
ENCS	-
IECSC	-
AICS	-
KECL	-

**Legend**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**Section 16: OTHER INFORMATION****Full text of R-phrases referred to under sections 2 and 3**

R22 - Harmful if swallowed

R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed

**Full text of H-Statements referred to under sections 2 and 3**

H301 - Toxic if swallowed

H311 - Toxic in contact with skin

H331 - Toxic if inhaled

**Classification Procedure**

Calculation method

**Issue Date:** 13-Aug-2012

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**Revision Note:** New format.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Regulation (EU) No. 453/2010

**Disclaimer**

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End of Safety Data Sheet