

**AIKEN CHEMICAL COMPANY, INC.**  
**Safety Data Sheet**  
**SHIELD Ceramic Spray Wax**

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**SECTION 1: Identification**

**1.1 Product identifier**

Product name	Ceramic Spray Wax
Brand	SHIELD
Part#	5916

**1.4 Supplier's details**

Name	Aiken Chemical Company, Inc.
Address	P.O. Box 27147 Greenville, SC 29616 USA
Telephone	864-968-1250
Fax	864-968-1252
Email	donnie@clean-rite.com

**1.5 Emergency phone number(s)**

800-424-9300

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**SECTION 2: Hazard identification**

**2.1 Classification of the substance or mixture**

- Eye damage/irritation (C.4.5), Cat. 2B
- Skin corrosion/irritation (C.4.4), Cat. 2

**2.2 GHS label elements, including precautionary statements**

**Pictogram**



**Signal word**

**Warning**

**Hazard statement(s)**

H315	Causes skin irritation
H320	Causes eye irritation

**Precautionary statement(s)**

P264	Wash with plenty soap and water thoroughly after handling.
P270	Do not eat, drink, or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P280	Wear protective gloves.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

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P321  
P332+P313  
P337+P313  
P362+P364

Specific treatment (see ... on this label).  
If skin irritation occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

##### Hazardous components

##### 1. Poly (oxy-1,2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy-

Concentration 1 - 5 % (weight)

CAS no. 160875-66-1

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### SECTION 4: First-aid measures

#### 4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.
Personal protective equipment for first-aid responders	Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Show this material safety data sheet to the doctor in attendance.

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### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

#### 5.2 Specific hazards arising from the chemical

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Poly (oxy-1,2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy-: harmful vapors; Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

#### 5.3 Special protective actions for fire-fighters

Fire fighters should enter area only if they are protected from all contact with the material. Full protective clothing, including self-contained breathing apparatus, coat, pants, gloves, boots and bands around legs, arms, and waist, should be worn. No skin surfaces should be exposed.

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment, and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. For personal protection see section 8.

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

#### 6.3 Methods and materials for containment and cleaning up

SMALL SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Ensure adequate ventilation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes, and clothing. Avoid ingestion and inhalation. Avoid dust formation. For precautions see section 2.2.

#### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

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### SECTION 8: Exposure controls/personal protection

#### 8.2 Appropriate engineering controls

Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product.

#### 8.3 Individual protection measures, such as personal protective equipment (PPE)

##### Pictograms



##### Eye/face protection

Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Use appropriate eye protection.

##### Skin protection

Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Protective gloves.

##### Body protection

Choose body protection in relation to its type, to the concentration and number of dangerous substances, and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection

Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): In case of insufficient ventilation wear suitable respiratory equipment

##### Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid
Odor	Cherry Scent
Odor threshold	No data available.
pH	9.0 - 10
Melting point/freezing point	32°F (0°C)
Initial boiling point and boiling range	212°F (100°C)
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	1.01
Solubility (ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

None under normal use conditions.

#### 10.2 Chemical stability

Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

None under normal use conditions.

#### 10.4 Conditions to avoid

None under normal use conditions.

#### 10.5 Incompatible materials

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Poly (oxy-1, 2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy-: caustics, halogens, Alkalines, acids, reactive chemicals

#### 10.6 Hazardous decomposition products

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Poly (oxy-1, 2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy-: No hazardous decomposition products if stored and handled as prescribed/indicated.

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### SECTION 11: Toxicological information

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### Information on toxicological effects

#### Acute toxicity

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Poly (oxy-1, 2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy-: Slightly toxic after single ingestion. LD50 judged > 500 mg/kg based on deaths at 200 mg/kg (0/6) and 2000 mg/kg (2/3) plus oral LD50 data on surrogate chemicals.

#### Skin corrosion/irritation

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Poly (oxy-1, 2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy-: Causes skin irritation.

#### Serious eye damage/irritation

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Poly (oxy-1, 2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy-: Causes serious eye damage.

#### Respiratory or skin sensitization

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Poly (oxy-1, 2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy-: Skin sensitizing effects were not observed in animal studies.

#### Germ cell mutagenicity

Based on all ingredients and dilution factors, this product is not a germ cell mutagen

#### Carcinogenicity

Based on all ingredients and dilution factors, this product is not a carcinogen

#### Reproductive toxicity

Based on all ingredients and dilution factors, this product is not a reproductive toxin

#### STOT-single exposure

No data available.

#### STOT-repeated exposure

No data available.

#### Aspiration hazard

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Poly (oxy-1, 2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy-: No aspiration hazard expected.

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## SECTION 12: Ecological information

### Toxicity

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Poly (oxy-1, 2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy-: Aquatic invertebrates

EC50 (48 h) > 10 - 100 mg/l, Daphnia magna

Analogous: Assessment derived from products with similar chemical character.

Aquatic plants

EC50 (72 h) > 10 - 100 mg/l, Scenedesmus subspicatus Analogous: Assessment derived from products with similar chemical character.

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Chronic toxicity to fish No observed effect concentration > 1 mg/l

### Persistence and degradability

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Poly (oxy-1, 2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy-: >= 90 % Bismuth-active substance (mod. OECD 303A) Analogous: Assessment derived from products with similar chemical character. > 60 % CO<sub>2</sub> formation relative to the theoretical value (28 d) (OECD 301B; ISO 9439; 92/69/EEC, C.4-C) readily biodegradable.

### Bio accumulative potential

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Poly (oxy-1, 2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy-: Accumulation in organisms is not to be expected.

### Mobility in soil

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Poly (oxy-1, 2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy-: The substance will not evaporate into the atmosphere from the water surface. Adsorption to solid soil phase is possible.

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## SECTION 13: Disposal considerations

### Disposal of the product

Dispose in accordance with all applicable federal, state, provincial and local regulation. Contact your federal, state, provincial and local authorities for specific rules.

### Disposal of contaminated packaging

Dispose in accordance with all applicable federal, state, provincial and local regulation. Contact your federal, state, provincial and local authorities for specific rules.

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## SECTION 14: Transport information

### DOT (US)

UN Number:

Class: Not Classified

Packing Group:

Proper Shipping Name:

Reportable quantity (RQ):

Marine pollutant:

Poison inhalation hazard:

### IMDG

UN Number:

Class: Not Classified

Packing Group:

EMS Number:

Proper Shipping Name:

### IATA

UN Number:

Class: Not Classified

Packing Group:

Proper Shipping Name:

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### SECTION 15: Regulatory information

#### 15.2 Chemical Safety Assessment

NFPA (National Fire Protection Association)

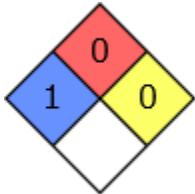
HMIS (Hazardous Material Information System)

Hazards are split into categories each with a 0 to 4 rating, 0 meaning no hazard and 4 meaning high hazard.

#### HMIS Rating

Ceramic Spray Wax	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

#### NFPA Rating



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### SECTION 16: Other information

Abbreviations, acronyms

ACGIH = American Conference of Governmental Industrial Hygienists

bw = body weight

bw/day = body weight/day

EC x = Effect Concentration associated with x% response

GLP = Good Laboratory Practice

IARC = International Agency for Research of Cancer

LC50 = 50% Lethal concentration - Concentration of a chemical in air or a chemical in water which causes the death of 50% (one

half) of a group of test animals

LD50 = 50% Lethal Dose - Chemical amount, given at once, which causes the death of 50% (one half) of a group of test animals

LL = Lethal Loading

NIOSH = National Institute of Occupational Safety and Health

NOAEL = No Observed Adverse Effect Level

NOEC = No Observed Effect Concentration

NOEL = No Observed Effect Level

OECD = Organization for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

UVCB = Substance of unknown or Variable composition, Complex reaction products or biological material

fw = fresh water

mw = marine water

or = occasional release

dw = dry weight

SCBA = Self Contained Breathing Apparatus

Legend

Section 8

ACGIH - American Conference of Governmental Industrial Hygienists

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OSHA - Occupational Safety and Health Administration  
NIOSH - National Institute for Occupational Safety and Health  
TLV - Threshold Limit Values  
PEL - Permissible Exposure Limits  
IDLH - Immediately Dangerous to Life or Health concentrations  
TWA - Time Weight Average  
STEL - Short Term Exposure Limits  
S\* - Skin notation  
TSCA - Toxic Substance Control Act

### 16.1 Further information/disclaimer

The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship. Safety Data Sheet information is based on the individual ingredients Safety Data Sheets provided by the supplier.

### 16.2 Preparation information

Aiken Chemical Company, Inc.  
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Greenville, SC, 29616  
864-968-1250  
800-828-1860  
864-968-1252 (fax)