

# AIKEN CHEMICAL COMPANY, INC.

## Safety Data Sheet

### SHIELD Car Shampoo

---

#### SECTION 1: Identification

##### 1.1 Product identifier

|                |             |
|----------------|-------------|
| Product name   | Car Shampoo |
| Product number | 3264        |
| Brand          | SHIELD      |

##### 1.4 Supplier's details

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

1.5 Emergency phone number(s) 800-424-9300

---

#### SECTION 2: Hazard identification

##### 2.1 Classification of the substance or mixture

- Acute toxicity, oral (C.4.1), Cat. 4
- Eye damage/irritation (C.4.5), Cat. 2A
- Skin corrosion/irritation (C.4.4), Cat. 2

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

###### Pictogram



###### Signal word

**Warning**

###### Hazard statement(s)

|      |                               |
|------|-------------------------------|
| H302 | Harmful if swallowed          |
| H315 | Causes skin irritation        |
| H319 | Causes serious eye irritation |

###### Precautionary statement(s)

|                |                                                                                                                                 |
|----------------|---------------------------------------------------------------------------------------------------------------------------------|
| P280           | Wear eye protection/face protection.                                                                                            |
| P280           | Wear protective gloves.                                                                                                         |
| P301+P312      | IF SWALLOWED: Call a POISON CENTER /doctor/if you feel unwell                                                                   |
| 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. |
| P332+P313      | If skin irritation occurs: Get medical advice/attention.                                                                        |
| P337+P313      | If eye irritation persists: Get medical advice/attention.                                                                       |
| P362+P364      | Take off contaminated clothing and wash it before reuse.                                                                        |

# Safety Data Sheet

## SHIELD Car Shampoo

---

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Hazardous components

###### 1. Benzenesulfonic acid, C10-16-alkyl derives

Concentration 1 - 5 % (weight)

CAS no. 68584-22-5

###### 2. Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

Concentration 1 - 5 % (weight)

CAS no. 68439-57-6

---

### SECTION 4: First-aid measures

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

General advice Consult a physician/doctor if necessary. 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.

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 irritation persists.

If swallowed IF SWALLOWED: Call a POISON CENTER /doctor if you feel unwell.

Personal protective equipment for first-aid responders  
Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid.

#### 4.2 Most important symptoms/effects, acute and delayed

Redness

#### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available.

---

### 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

Product will be slippery when spilled. Pressured water mixed with product can create copious amounts of suds.

#### 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.

---

### SECTION 6: Accidental release measures

# Safety Data Sheet

## SHIELD Car Shampoo

### 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

Small or household quantities may be disposed of in sewer or other liquid waste system. For larger quantities check with your local water treatment plant.

### 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.

---

## 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. 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.

---

## SECTION 8: Exposure controls/personal protection

### 8.2 Appropriate engineering controls

None required with normal household use. Industrial Setting: Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

### 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): Wear suitable protective clothing.

#### Body protection

Skin Protection: None required with normal household use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.

#### 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.

---

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

# Safety Data Sheet

## SHIELD Car Shampoo

|                                               |                           |
|-----------------------------------------------|---------------------------|
| Appearance/form (physical state, color, etc.) | Viscous clear blue liquid |
| Odor                                          | No Data                   |
| Odor threshold                                | No Data                   |
| pH                                            | 9.5                       |
| Melting point/freezing point                  | 0°C                       |
| Initial boiling point and boiling range       | 100°C                     |
| Flash point                                   | No Data                   |
| Evaporation rate                              | No Data                   |
| Flammability (solid, gas)                     | No Data                   |
| Upper/lower flammability limits               | No Data                   |
| Upper/lower explosive limits                  | No Data                   |
| Vapor pressure                                | No Data                   |
| Vapor density                                 | No Data                   |
| Relative density                              | 1.01                      |
| Solubility(ies)                               | Complete in water         |
| Partition coefficient: n-octanol/water        | No Data                   |
| Auto-ignition temperature                     | No Data                   |
| Decomposition temperature                     | No Data                   |
| Viscosity                                     | ~300 cP                   |
| Explosive properties                          | No Data                   |
| Oxidizing properties,                         | No Data                   |

### Other safety information

Product will create a slippery surface when splashed/spilled on the floor.

---

## 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

Acids and strong oxidizers.

---

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Acute oral category 4

-----

Benzenesulfonic acid, C10-16-alkyl derives: Oral LD50 775mg/kg (rat).  
Dermal LD50 2000mg/kg (rabbit)

#### Skin corrosion/irritation

Prolonged exposure to concentrated product can lead to skin irritation.

-----

Benzenesulfonic acid, C10-16-alkyl derives: Causes severe skin burns.

# Safety Data Sheet

## SHIELD Car Shampoo

### **Serious eye damage/irritation**

This product will cause eye irritation

-----

Benzenesulfonic acid, C10-16-alkyl derives: Causes serious eye damage.

### **Respiratory or skin sensitization**

This product is not expected to be a skin sensitizer.

-----

Benzenesulfonic acid, C10-16-alkyl derives: No sensitizing effects known

### **Germ cell mutagenicity**

There is no evidence of mutagenic potential.

-----

Benzenesulfonic acid, C10-16-alkyl derives: No effects known.

### **Carcinogenicity**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

### **Reproductive toxicity**

No effects known.

-----

Benzenesulfonic acid, C10-16-alkyl derives: No effects known.

### **STOT-single exposure**

No effects known.

### **STOT-repeated exposure**

No effects known.

### **Aspiration hazard**

No effects known.

---

## SECTION 12: Ecological information

### **Toxicity**

No further relevant information available.

### **Persistence and degradability**

No further relevant information available.

### **Bioaccumulate potential**

No further relevant information available.

-----

Benzenesulfonic acid, C10-16-alkyl derives: No further relevant information available.

### **Mobility in soil**

No further relevant information available.

### **Results of PBT and vPvB assessment**

Not applicable.

# Safety Data Sheet

## SHIELD Car Shampoo

---

### SECTION 13: Disposal considerations

#### Disposal of the product

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Non-Household Setting: Products covered by this SDS, in their original form, when disposed as waste, are considered non-hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state, and federal regulations. Solutions of diluted detergent in the course of use, may be allowed to be flushed down sewer. First check with your local water treatment plant. Recycling is undiluted scrap product. Do not landfill. Household Use: Household product is safe for disposal down the drain during detergent use or in the trash. Dispose of empty bottle in the trash or recycle where facilities exist.

#### Disposal of contaminated packaging

Dispose of as unused product.

---

### SECTION 14: Transport information

#### DOT (US)

UN Number: Not regulated as a dangerous good

Class:

Packing Group:

Proper Shipping Name:

Reportable quantity (RQ):

Marine pollutant:

Poison inhalation hazard:

#### IMDG

UN Number:

Class:

Packing Group:

EMS Number:

Proper Shipping Name:

#### IATA

UN Number:

Class:

Packing Group:

Proper Shipping Name:

---

### SECTION 15: Regulatory information

#### 15.1 Safety, health, and environmental regulations specific for the product in question

##### California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

##### Massachusetts Right to Know Components

Not Regulated

##### New Jersey Right to Know Components

Not Regulated

##### Pennsylvania Right to Know Components

Not Regulated

##### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

##### SARA 311/312 Hazards

Acute Health Hazard

##### SARA 313 Components

# Safety Data Sheet

## SHIELD Car Shampoo

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

### 15.2 Chemical Safety Assessment

NFPA (National Fire Protection Association)

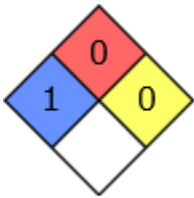
HMIS (Hazardous Material Information System)

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

#### HMIS Rating

| Car Shampoo         |   |
|---------------------|---|
| HEALTH              | 1 |
| FLAMMABILITY        | 0 |
| PHYSICAL HAZARD     | 0 |
| PERSONAL PROTECTION |   |

#### NFPA Rating



---

## 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

OSHA - Occupational Safety and Health Administration

NIOSH - National Institute for Occupational Safety and Health

## **Safety Data Sheet**

### **SHIELD Car Shampoo**

TLV - Threshold Limit Values  
PEL - Permissible Exposure Limits  
IDHL - 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.  
P.O. Box 27147  
Greenville, SC, 29616  
864-968-1250  
800-828-1860  
864-968-1252 (fax)