

AIKEN CHEMICAL COMPANY, INC.
Safety Data Sheet
SHIELD Quick Detailer

SECTION 1: Identification

1.1 Product identifier

Product name	Quick Detailer
Brand	SHIELD
Part#	7716

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

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
H320

Causes skin irritation
Causes eye irritation

Precautionary statement(s)

P264
P270
P280
P280
P301+P330+P331
P302+P352

Wash with plenty soap and water thoroughly after handling.
Do not eat, drink, or smoke when using this product.
Wear protective gloves/protective clothing/eye protection/face protection.
Wear protective gloves.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN: Wash with plenty of water/...

Safety Data Sheet

SHIELD Quick Detailer

P305+P351+P338

P321

P332+P313

P337+P313

P362+P364

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

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.

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

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.

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

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

Safety Data Sheet

SHIELD Quick Detailer

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

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.

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.

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

Safety Data Sheet

SHIELD Quick Detailer

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

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.

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

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

10.6 Hazardous decomposition products

Safety Data Sheet

SHIELD Quick Detailer

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

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

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

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

Serious eye damage/irritation

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

Respiratory or skin sensitization

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

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

SECTION 12: Ecological information

Toxicity

Safety Data Sheet

SHIELD Quick Detailer

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.

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

Persistence and degradability

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 % CO2 formation relative to the theoretical value (28 d) (OECD 301B; ISO 9439; 92/69/EEC, C.4-C) readily biodegradable.

Bio accumulative potential

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

Mobility in soil

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.

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.

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:

Safety Data Sheet

SHIELD Quick Detailer

IATA

UN Number:
Class: Not Classified
Packing Group:
Proper Shipping Name:

SECTION 15: Regulatory information

15.2 Chemical Safety Assessment

NFPA (National Fire Protection Association)

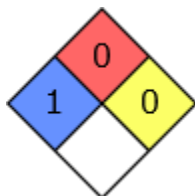
HMIS (Hazardous Material Information System)

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

HMIS Rating

Quick Detailer	
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

Safety Data Sheet

SHIELD Quick Detailer

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

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.

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Greenville, SC, 29616

864-968-1250

800-828-1860

864-968-1252 (fax)