

Section 1 - Chemical Product and Company Identification

MSDS Name: Sparkleen 1
Catalog Numbers: 04-320-4, 04-320-5, S701101
Synonyms: FisherBrand Sparkleen 1 Detergent.
Company Identification: Fisher Scientific
One Reagent Lane
Fair Lawn, NJ 07410
For information in the US, call: 201-796-7100
Emergency Number US: 201-796-7100
CHEMTREC Phone Number, US: 800-424-9300

Section 2 - Composition, Information on Ingredients

CAS#: 497-19-8
Chemical Name: Sodium carbonate anhydrous
%: < 30
EINECS#: 207-838-8
Hazard Symbols:
Risk Phrases:

CAS#: 9016-45-9
Chemical Name: Ethylene oxide-nonylphenol polymer
%: < 10
EINECS#: unlisted
Hazard Symbols:
Risk Phrases:

CAS#: 25155-30-0
Chemical Name: Sodium dodecylbenzenesulfonate
%: < 10
EINECS#: 246-680-4
Hazard Symbols:
Risk Phrases:

Text for R-phrases: see Section 16

Hazard Symbols: None listed

Risk Phrases: None listed

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Danger! Causes eye burns. May be harmful if swallowed. Causes skin and respiratory tract irritation.
Target Organs: Respiratory system, eyes, skin.

Potential Health Effects

Eye: Contact with eyes may cause severe irritation, and possible eye burns.

Skin: Contact with skin causes irritation and possible burns, especially if the skin is wet or moist.

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Sodium carbonate anhydrous	none listed	none listed	none listed
Ethylene oxide-nonylphenol polymer	none listed	none listed	none listed
Sodium dodecylbenzenesulfonate	none listed	none listed	none listed

OSHA Vacated PELs: Sodium carbonate anhydrous: None listed Ethylene oxide-nonylphenol polymer: None listed Sodium dodecylbenzenesulfonate: None listed

Personal Protective Equipment

- Eyes:** Wear chemical splash goggles.
- Skin:** Wear appropriate protective gloves to prevent skin exposure.
- Clothing:** Wear appropriate protective clothing to prevent skin exposure.
- Respirators:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section 9 - Physical and Chemical Properties

- Physical State:** Solid
- Color:** white
- Odor:** odorless
- pH:** 9.5-10 in solution.
- Vapor Pressure:** Not available
- Vapor Density:** Not available
- Evaporation Rate:** Not available
- Viscosity:** Not available
- Boiling Point:** Not available
- Freezing/Melting Point:** Not available
- Decomposition Temperature:** Not available
- Solubility in water:** Moderately soluble in water.
- Specific Gravity/Density:** Not available.
- Molecular Formula:** Mixture
- Molecular Weight:** 0

Section 10 - Stability and Reactivity

- Chemical Stability:** Stable.
- Conditions to Avoid:** Dust generation.
- Incompatibilities with Other Materials:** Strong oxidizing agents.
- Hazardous Decomposition:** Carbon monoxide, carbon dioxide, sulfur oxides (SOx), including

Products sulfur oxide and sulfur dioxide.
Hazardous Polymerization Will not occur.

Section 11 - Toxicological Information

RTECS#: CAS# 497-19-8: VZ4050000
CAS# 9016-45-9: AX0247000 AX0257000 MD0900000 MD0905000 OQ0248333
WZ4200000 WZ4375000 WZ4550000 WZ4725000 WZ4750000
CAS# 25155-30-0: DB6825000

LD50/LC50: RTECS:
CAS# 497-19-8: Draize test, rabbit, eye: 100 mg/24H Moderate;
Draize test, rabbit, eye: 50 mg Severe;
Draize test, rabbit, skin: 500 mg/24H Mild;
Inhalation, mouse: LC50 = 1200 mg/m³/2H;
Inhalation, rat: LC50 = 2300 mg/m³/2H;
Oral, mouse: LD50 = 6600 mg/kg;
Oral, mouse: LD50 = 6600 mg/kg;
Oral, rat: LD50 = 4090 mg/kg;

RTECS:
CAS# 9016-45-9: Draize test, rabbit, eye: 5 mg Severe;
Draize test, rabbit, eye: 5 mg Severe;
Draize test, rabbit, eye: 20 mg Severe;
Draize test, rabbit, eye: 100 mg Severe;
Draize test, rabbit, eye: 15 mg Severe;
Draize test, rabbit, eye: 5 mg Severe;
Oral, mouse: LD50 = >50 gm/kg;
Oral, rat: LD50 = 4 gm/kg;
Oral, rat: LD50 = 1310 mg/kg;
Oral, rat: LD50 = 2590 uL/kg;
Oral, rat: LD50 = >3 gm/kg;
Oral, rat: LD50 = 4290 uL/kg;
Oral, rat: LD50 = 3670 uL/kg;
Oral, rat: LD50 = 3730 uL/kg;
Oral, rat: LD50 = 4 gm/kg;
Oral, rat: LD50 = 16 gm/kg;
Skin, rabbit: LD50 = 2 mL/kg;
Skin, rabbit: LD50 = 2830 uL/kg;
Skin, rabbit: LD50 = 2520 uL/kg;
Skin, rabbit: LD50 = 1780 uL/kg;
Skin, rabbit: LD50 = 3970 uL/kg;
Skin, rabbit: LD50 = 4490 uL/kg;

RTECS:
CAS# 25155-30-0: Draize test, rabbit, eye: 250 ug/24H Severe;
Draize test, rabbit, eye: 1% Severe;
Draize test, rabbit, skin: 20 mg/24H Moderate;
Oral, mouse: LD50 = 1330 mg/kg;
Oral, rat: LD50 = 438 mg/kg;

Carcinogenicity: Sodium carbonate anhydrous - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
Ethylene oxide-nonylphenol polymer - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
Sodium dodecylbenzenesulfonate - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Other: See actual entry in RTECS for complete information.

Section 12 - Ecological Information

Not available

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

US DOT

Shipping Name: Not regulated as a hazardous material

Hazard Class:

UN Number:

Packing Group:

Canada TDG

Shipping Name: Not available

Hazard Class:

UN Number:

Packing Group:

USA RQ: CAS# 25155-30-0: 1000 lb final RQ; 454 kg final RQ

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available

Risk Phrases:

Safety Phrases:

WGK (Water Danger/Protection)

CAS# 497-19-8: 1

CAS# 9016-45-9: 2

CAS# 25155-30-0: 2

Canada

CAS# 497-19-8 is listed on Canada's DSL List

CAS# 9016-45-9 is listed on Canada's DSL List

CAS# 25155-30-0 is listed on Canada's DSL List

Canadian WHMIS Classifications: D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

CAS# 497-19-8 is listed on Canada's Ingredient Disclosure List

CAS# 9016-45-9 is not listed on Canada's Ingredient Disclosure List.

CAS# 25155-30-0 is listed on Canada's Ingredient Disclosure List

US Federal

TSCA

CAS# 497-19-8 is listed on the TSCA Inventory.

CAS# 9016-45-9 is listed on the TSCA Inventory.

CAS# 25155-30-0 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date: 7/12/1999

Revision #4 Date 3/22/2006

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.