



## Spitfire® SC

Version Number: 1

Preparation date: 2017-02-24

## 1. IDENTIFICATION

**Product name:** Spitfire® SC  
**Product Code:** 100962069, 100969923, 100969924, 100969925, 100969926, 95892546, 95892221, 95891201  
**SDS #:** MS0801159  
**Recommended use:**

- Industrial/Institutional
- Heavy Duty Cleaner and Degreaser
- This product is intended to be diluted prior to use

**Uses advised against:** Uses other than those identified are not recommended

**Manufacturer, importer, supplier:**

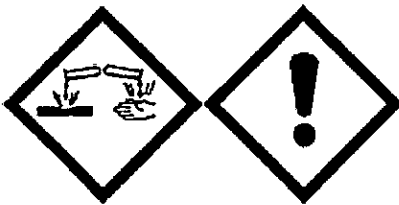
US Headquarters Diversey, Inc. 2415 Cascade Pointe Blvd. Charlotte, NC 28208 Phone: 1-888-352-2249 SDS Internet Address: <a href="https://sds.sealedair.com">https://sds.sealedair.com</a>	Canadian Headquarters Sealed Air - Canada 3755 Laird Road Mississauga, Ontario L5L 0B3 Phone: 1-800-668-7171
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**Emergency telephone number:** 1-800-851-7145; 1-651-917-6133 (Int'l)

## 2. HAZARDS IDENTIFICATION

Classification for the undiluted product

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1
Metal Corrosion:	Category 1

**Signal Word:**

Danger.

Precautionary Statements

**CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE DAMAGE. MAY CAUSE AN ALLERGIC SKIN REACTION. MAY BE CORROSIVE TO METALS.**

Causes burns/ serious damage to mouth, throat and stomach. Keep container tightly closed. Keep only in original container. Avoid breathing spray. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear chemical-splash goggles and chemical-resistant gloves. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or physician. Take off contaminated clothing and wash it before reuse. Absorb spillage to prevent material damage. Store in corrosive-resistant container with a resistant inner liner. Dispose of in accordance with all federal, state and local applicable regulations. SUPPLEMENTAL INFORMATION: Mix only with water.

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DO NOT MIX WITH ANY OTHER PRODUCT OR CHEMICAL. Can react to release hazardous gases. May vigorously react with acids resulting in spattering and excessive heat.

Health hazards not otherwise classified (HHNOC) - Not applicable  
Physical hazards not otherwise classified (PHNOC) - Not applicable

**Classification for the diluted product @ 1:6**

Serious eye damage/eye irritation

Category 2A



Dilution Signal word:

Warning.

**Precautionary Statements**

**CAUSES SERIOUS EYE IRRITATION.**

Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. May cause irritation to mouth, throat and stomach. Wear chemical-splash goggles and chemical-resistant gloves. IF SWALLOWED: Rinse mouth. Drink a cupful of milk or water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice or attention. Dispose of in accordance with all federal, state and local applicable regulations.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Classified Ingredients**

Ingredient(s)	CAS #	Weight %
Benzyl alcohol	100-51-6	10 - 20%
Sodium xylene sulfonate	1300-72-7	10 - 20%
Diethylene glycol monoethyl ether	111-90-0	5 - 10%
Alcohol ethoxylates	68439-46-3	5 - 10%
Monoethanolamine	141-43-5	1 - < 3%
Potassium hydroxide	1310-58-3	1 - < 3%
Eucalyptus oil	8000-48-4	> 0.1 - < 1%

\*Exact percentages are being withheld as trade secret information

**4. FIRST AID MEASURES**

**Undiluted Product:**

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

**Skin:** IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.

**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed:** Not applicable.

**Diluted Product:**

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice/attention

**Skin:** No specific first aid measures are required

**Inhalation:** No specific first aid measures are required

**Ingestion:** IF SWALLOWED: Rinse mouth. Drink a cupful of milk or water.

**5. FIRE-FIGHTING MEASURES**

Specific methods: No special methods required  
 Suitable extinguishing media: Not applicable.  
 Specific hazards: Corrosive material (See sections 8 and 10).

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.  
 Extinguishing media which must not be used for safety reasons: No information available.

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions: Put on appropriate personal protective equipment (see Section 8.).  
 Environmental precautions and clean-up methods: Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

**7. HANDLING AND STORAGE**

Handling: Mix only with water. Do not mix with any other product or chemical. Can react to release hazardous gases. May vigorously react with acids resulting in spattering and excessive heat. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Contaminated work clothing must not be allowed out of the workplace. Absorb spillage to prevent material damage. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.  
 Storage: Keep tightly closed in a dry, cool and well-ventilated place. Store in corrosive-resistant container with a resistant inner liner.  
 Aerosol Level (if applicable) : Not applicable

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure Guidelines:

Ingredient(s)	CAS #	ACGIH	OSHA
Benzyl alcohol	100-51-6	-	-
Sodium xylene sulfonate	1300-72-7	-	-
Diethylene glycol monoethyl ether	111-90-0	-	-
Alcohol ethoxylates	68439-46-3	-	-
Monoethanolamine	141-43-5	6 ppm (STEL) 3 ppm (TWA)	3 ppm (TWA) 6 mg/m <sup>3</sup> (TWA)
Potassium hydroxide	1310-58-3	2 mg/m <sup>3</sup> (Ceiling)	-
Eucalyptus oil	8000-48-4	-	-

**Undiluted Product:**  
 Engineering measures to reduce exposure:  
 Good general ventilation should be sufficient to control airborne levels.

**Personal Protective Equipment**  
 Eye protection: Chemical-splash goggles.  
 Hand protection: Chemical-resistant gloves.  
 Skin and body protection: No personal protective equipment required under normal use conditions.  
 Respiratory protection: No personal protective equipment required under normal use conditions.  
 Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

**Diluted Product:**  
 Engineering measures to reduce exposure:  
 Good general ventilation should be sufficient to control airborne levels

**Personal Protective Equipment**  
 Eye protection: Chemical-splash goggles.  
 Hand protection: Chemical-resistant gloves.  
 Skin and body protection: No personal protective equipment required under normal use conditions.  
 Respiratory protection: No personal protective equipment required under normal use conditions.  
 Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State: Liquid  
Evaporation Rate: No information available  
Odor threshold: No information available.  
Melting point/range: Not determined  
Autoignition temperature: No information available  
Solubility In other solvents: No information available  
Density: 9.01 lbs/gal 1.08 Kg/L  
Bulk density: No information available  
Flash point (°F): > 200 °F > 93.4 °C  
Dilution Flash Point (°F): > 200 °F > 93.4 °C  
Elemental Phosphorus: 0.00 % by wt.  
pH: 13.6  
Dilution pH: 12.35 @ 1:6  
Corrosion to metals: Corrosive  
Explosion limits: - upper: Not determined - lower: Not determined

Color: Clear Red  
Odor: Pine Fresh  
Boiling point/range: Not determined  
Decomposition temperature: Not determined  
Solubility: Completely Soluble  
Relative Density (relative to water): 1.08  
Vapor density: No information available  
Vapor pressure: No information available.  
Partition coefficient (n-octanol/water): No information available  
Viscosity: 10  
VOC: 2.65 % \*  
VOC % by wt. at use dilution 0.38 % \*  
Flammability (Solid or Gas): Not applicable  
Sustained combustion: Not applicable

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

Reactivity:	Not Applicable
Stability:	The product is stable
Possibility of hazardous reactions:	May vigorously react with acids resulting in spattering and excessive heat.
Hazardous decomposition products:	None reasonably foreseeable.
Materials to avoid:	Strong acids. Do not mix with any other product or chemical unless specified in the use directions.
Conditions to avoid:	No information available.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

Skin contact, Inhalation, Ingestion, Eye contact

### Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

**Skin contact:** Causes skin irritation. Symptoms may include pain (which may be delayed), redness, and/or discomfort.

**Eye contact:** Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.

**Ingestion:** Causes burns/ serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

**Sensitization:** No known effects. May cause an allergic skin reaction. Symptoms may include rash, hives, itching, bumps, redness, swelling, and/or discomfort.

**Target Organs (SE):** None known

**Target Organs (RE):** None known

### Numerical measures of toxicity

ATE - Oral (mg/kg):	2900
ATE - Dermal (mg/kg):	>5000
ATE - Inhalatory, mists (mg/l):	15
ATE - Inhalatory, vapors (mg/l):	>50

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products (undiluted product):** This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**Waste from residues / unused products (diluted product):** This product, when diluted as stated on this SDS, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**RCRA Hazard Class (undiluted product):** D002 Corrosive Waste

**RCRA Hazard Class (diluted product):** Not Regulated

**Contaminated Packaging:** Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** Proper shipping descriptions can vary by pack size. Please refer to the Diversey HazMat Library, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

**DOT (Ground) Bill of Lading Description:** UN1814, POTASSIUM HYDROXIDE SOLUTION, 8, III

**IMDG (Ocean) Bill of Lading Description:** UN1814, POTASSIUM HYDROXIDE SOLUTION, 8, III

## 15. REGULATORY INFORMATION

**International Inventories at CAS# Level**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL).

**RIGHT TO KNOW (RTK)**

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Benzyl alcohol	100-51-6	X	-	X	-
Sodium xylene sulfonate	1300-72-7	-	-	-	-
Diethylene glycol monoethyl ether	111-90-0	-	X	-	-
Alcohol ethoxylates	68439-46-3	-	-	-	-
Monoethanolamine	141-43-5	X	X	X	-
Potassium hydroxide	1310-58-3	X	X	X	X
2-butoxyethanol	111-76-2	X	X	X	-
Eucalyptus oil	8000-48-4	-	-	-	-

**CERCLA/ SARA**

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Diethylene glycol monoethyl ether	111-90-0	5 - 10%			X
Potassium hydroxide	1310-58-3	1 - < 3%	1000		
2-butoxyethanol	111-76-2	> 0.1 - < 1%			X

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Diethylene glycol monoethyl ether	X		
2-butoxyethanol	X		

**SARA 311/312 Hazard Categories**

Immediate: X  
 Delayed: -  
 Fire: -  
 Reactivity: -  
 Sudden Release of Pressure: -

**Canadian Regulations**

Ingredient(s)	CAS #	NPRI
2-butoxyethanol	111-76-2	X

## 16. OTHER INFORMATION

**NFPA (National Fire Protection Association)**  
 Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 3  
Flammability 0  
Instability 0

Version Number: 1  
Preparation date: 2017-02-24

Reason for revision: Not applicable  
Prepared by: NAPRAC  
Additional advice: • Contains an added fragrance, see "Odor" heading in section 9 for specific description

*The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract*