

MATERIAL SAFETY DATA SHEET

CK1130

JohnsonDiversey

Clean is just the beginning



Spitfire SC

HMIS		NFPA	Personal protective equipment
Health	2	2	None / Aucune / Ninguno
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 1

Preparation date: 2007-05-24

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Spitfire SC
MSDS #: MS0200089
Product Code: 04966, 03723, 3165361, 3063568
Recommended use: Cleaning product. This product is intended to be diluted prior to use.

Manufacturer, importer, supplier:

US Headquarters
 JohnsonDiversey, Inc.
 8310 16th St.
 Sturtevant, Wisconsin 53177-1964
 Phone: 1-888-352-2249
 MSDS Internet Address:
 www.johnsondiversey.com

Canadian Headquarters
 JohnsonDiversey - Canada, Inc.
 2401 Bristol Circle
 Oakville, Ontario L6H 6P1
 Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION: CAUSES EYE AND SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED.

Principle routes of exposure: Eye contact. Skin contact. Inhalation. Ingestion.
Eye contact: Moderately irritating to the eyes.
Skin contact: Moderately irritating to the skin.
Inhalation: None known.
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Diethylene glycol monoethyl ether	111-90-0	1 - 5%	5500	= 4200 µL/kg	5.24 g/m³
Ethylene glycol phenyl ether	122-99-6	5 - 10%	1260	= 5 mL/kg	Not available
Monoethanolamine	141-43-5	5 - 10%	1720	1 mL/kg	Not available
2-butoxyethanol	111-76-2	10 - 20%	470	220 mg/kg	2.21 mg/L (4 h); 450 ppm (4 h)

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. If irritation persists, get medical attention.
Skin contact: Flush immediately with plenty of water. If irritation persists, get medical attention.
Inhalation: No specific first aid measures are required.
Ingestion: If swallowed, give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
Specific hazards: None known.
Unusual hazards: None known.
Specific methods: No special methods required.

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: Environmental precautions and clean-up methods:

Use personal protective equipment
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:

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eye protection:

No special requirements under normal use conditions.

Hand protection:

No special requirements under normal use conditions.

Skin and body protection:

No special requirements under normal use conditions.

Respiratory protection:

No special requirements under normal use conditions.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Monoethanolamine	141-43-5	6 ppm (STEL) 3 ppm (TWA)	3 ppm (TWA) 6 mg/m ³ (TWA)	6 ppm (STEL) 15 mg/m ³ (STEL) 8 mg/m ³ (TWA) 3 ppm (TWA)
2-butoxyethanol	111-76-2	20 ppm (TWA)	Skin 240 mg/m ³ (TWA) 50 ppm (TWA)	75 ppm (STEL) 360 mg/m ³ (STEL) 26 ppm (TWA) 120 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
pH: 13.4
Appearance: Aqueous solution
Color: Red
Odor: Fine Fresh
Specific gravity: 1.02
Density: 8.46 lbs/gal
VOC: 24.0% *
Flash point: >200°F >93.3°C
Solubility: Completely Soluble
Viscosity: No information available

Bulk density: No information available
Dilution pH: No information available.
Vapor density: No information available
Evaporation Rate: No information available
Boiling point/range: Not determined
Melting point/range: Not determined
Decomposition temperature: Not determined
Autoignition temperature: No information available
Partition coefficient (n-octanol/water): No information available
Solubility in other solvents: No information available
Elemental Phosphorus: 0% by wt.

Explosion limits: - lower: Not determined- upper: Not determined

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

10. STABILITY AND REACTIVITY

Stability: Polymerization: Hazardous decomposition products: Materials to avoid: Conditions to avoid:

The product is stable
Hazardous polymerization does not occur
None reasonably foreseeable.
Acids. Oxidising agents.
Do not freeze.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Component information:

Oral LD50 estimated to be 3000 - 4000 mg/kg . Dermal LD50 estimated to be > 2000 mg/kg
See Section 3

Chronic toxicity:

None known

Specific effects

Carcinogenic effects:

None known

Mutagenic effects:

None known

11. TOXICOLOGICAL INFORMATION

Reproductive toxicity: None known
 Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
 Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION**International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDL), Australia (AICS), Philippines (PICCS), New Zealand (NZIoC), China (IECSC).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Diethylene glycol monoethyl ether	111-90-0	-	-	-	-
Ethylene glycol phenyl ether	122-99-6	-	X	-	-
Monoethanolamine	141-43-5	X	X	X	X
Water	7732-18-5	-	-	-	-
Sodium xylene sulfonate	1300-72-7	-	-	-	-
2-butoxyethanol	111-76-2	X	X	X	X

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Ethylene glycol phenyl ether	122-99-6	5 - 10%			X
2-butoxyethanol	111-76-2	10 - 20%			X

CAA HAP/CAA ODS/CWA Priority Pollutants: None

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

SARA 311/312 Hazard Categories

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

Canada



WHMIS hazard class: D2B Toxic materials.

16. OTHER INFORMATION

Reason for revision: Not applicable
 Prepared by: NAFRAC
 Additional advice: None

16. OTHER INFORMATION

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