



ZEP Inc.  
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# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

Product name	SPREE	
Product use	General Purpose Cleaner	
Product code	0860	
Date of issue	03/15/12	Supersedes 05/07/09

## Emergency Telephone Numbers

### For MSDS Information:

Technical Services Group  
Telephone (780) 453-8100  
(Business Hours 8:00am - 5:00pm)

### For Medical or Transportation Emergency

CANUTEC (24 Hours)  
(613) 996-6666 - Call Collect

## Prepared By

Technical Services Group  
11627 178th Street  
Edmonton, Alberta T5S 1N6

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## Section 2. Hazards Identification

### Emergency overview

Not expected to produce significant adverse health effects when the recommended instructions for use are followed.

No known significant effects or critical hazards. Avoid prolonged contact with eyes, skin and clothing.

**NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.**

### Acute Effects

### Routes of Entry

Dermal contact. Eye contact.

#### Eyes

Direct contact may cause irritation and redness. Inflammation of the eye is characterized by redness, watering and itching.

#### Skin

No known acute effects of this product resulting from skin contact. Prolonged or repeated contact may dry skin and cause irritation.

#### Inhalation

No known acute effects of this product resulting from inhalation.

#### Ingestion

No known significant effects or critical hazards.

### Chronic effects

There is no known chronic effect after exposure to this product.

Additional Information: See Toxicological Information (Section 11)

## Section 3. Composition/Information on Ingredients

### Name of Hazardous Ingredients

This product is not classified as a WHMIS controlled product. None of the ingredients in this product are listed on the WHMIS Ingredient Disclosure List.

### CAS number

### % by Weight

60 - 100

## Section 4. First Aid Measures

### Eye Contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

### Skin Contact

Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

### Inhalation

Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if symptoms occur.

### Ingestion

If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention.

**Section 5. Fire Fighting Measures**

<b>Flash Point</b>	Not available.
<b>Flammable Limits</b>	Not available.
<b>Flammability</b>	Non-combustible.
<b>Auto-ignition Temperature</b>	
<b>Fire-Fighting Procedures</b>	Wear special protective clothing and positive pressure, self-contained breathing apparatus. In case of fire, use water spray (fog), foam, dry chemical or CO <sub>2</sub> .
<b>Fire hazard</b>	In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Products of Combustion</b>	carbon oxides (CO, CO <sub>2</sub> )
<b>Explosion hazard</b>	Not available.

**Section 6. Accidental Release Measures**

<b>Spill Clean up</b>	Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
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**Section 7. Handling and Storage**

<b>Handling</b>	Put on appropriate personal protective equipment (see section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Wash thoroughly after handling.
<b>Storage</b>	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep container tightly closed and sealed until ready for use. Keep out of the reach of children.

**Section 8. Exposure Controls/Personal Protection****Product name** **Exposure limits**

No exposure limit value known.

**Personal Protective Equipment (PPE)**

<b>Eyes</b>	Recommended: Splash goggles.
<b>Hands and</b>	Recommended: For prolonged or repeated handling, use the
<b>Body</b>	following type of gloves: Neoprene Nitrile Rubber
<b>Respiratory</b>	Recommended: A respirator is not needed under normal and intended conditions of product use.

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid.	<b>Color</b>	Clear. Green.
<b>pH</b>	10.0 - 11.0	<b>Odor</b>	Ammoniacal. [Slight]
<b>Boiling Point</b>	100°C (212°F)	<b>Vapor Pressure</b>	Not determined.
<b>Specific Gravity</b>	1	<b>Vapor Density</b>	Not determined.
<b>Solubility</b>	Easily soluble in the following materials: cold water and hot water.	<b>Evaporation Rate</b>	1 (Water = 1)
<b>Freezing Point</b>		<b>VOC (Consumer)</b>	20.46 (g/l). 0.17 lbs/gal 2.05%

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Slightly reactive or incompatible with the following materials: oxidizing materials.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Hazardous Decomposition Products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Section 11. Toxicological Information**

**Carcinogenicity** Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Acute Toxicity**

Not available.

**Section 12. Ecological Information****Environmental Effects** No known significant effects or critical hazards.**Aquatic Ecotoxicity**

Not available.

**Section 13. Disposal Considerations****Waste Information**

Waste must be disposed of in accordance with applicable regulations. Consult your local or regional authorities for additional information.

**Waste Stream** Non-hazardous waste**Section 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
<b>TDG Classification</b>	Not regulated.	-	-	-		-
<b>IMDG Class</b>	Not available.	Not available.	Not available.	-		-

**NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment. Limited Quantity: Small quantities of controlled goods are not regulated as Dangerous Goods according to TDG regulations.**

PG\* : Packing group

**Section 15. Regulatory Information****Canada****WHMIS (Canada)** Not controlled under WHMIS (Canada).

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*