

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION

Nypower Industries Ltd.  
111 Fisher Street  
Okotoks, AB. T1S 1A8

Phone: 403-995-2588  
In Case of Emergency: 403-998-7297

**Product name:** Charm  
**Other Name:**  
**Distributed by:**  
**Product Use:** Liquid Dish Soap  
**Date Completed:** January, 2015

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	%W/W	CAS Number
Alkyl benzenesulfonic acid	6-10	68584-22-5
Cocoamide DEA	1-5	68603-42-9

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### 3. HAZARDS IDENTIFICATION

Eye, Skin, and Inhalation irritant. Harmful if swallowed

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### 4. FIRST AID MEASURES

**Ingestion:** Do not induce vomiting. If conscious rinse mouth with lots of milk or water. Seek immediate medical attention.

**Eye contact:** Flush with water for 15 minutes. Get medical attention

**Skin contact:** Remove clothing and footwear. Flush skin thoroughly with water for at least 15 minutes.

**In all cases:** If symptoms persist seek medical attention

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### 5. FIRE - FIGHTING MEASURES

**Flash point (test method):** Not applicable

**Flammable limits:** Non-flammable

**Lower:** Not applicable

**Upper:** Not applicable

**Fire extinguishing substances:** Use media appropriate for surrounding fire

**Autoignition temperatures:** Not available

**Hazardous combustion products:** Not available

**Explosion data:**

**Sensitivity to mechanical impact:** Not applicable

**Sensitivity to static discharge:** Not applicable

**Special firefighting procedures:** Fire fighters should wear full protective clothing, including self-contained breathing equipment

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wear appropriate protective equipment  
**Environmental precautions:** Prevent from entering sewers, waterways or low areas  
**Methods for cleaning up:** Dike and contain. Collect and reuse if possible. Absorb with inert material and place in waste containers. Do not allow runoff into public waterways. Avoid direct contact with material

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## 7. HANDLING AND STORAGE

**Handling:** Close container when not in use. Avoid transfer of product into container other than original.  
**Storage:** Store in a cool dry area. Keep out of reach of children. Do not freeze

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering controls:** Use in ventilated area if possible  
**Respiratory protection:** If exposure exceeds occupational limits, use appropriate NIOSH approved respirator  
**Eye protection:** Chemical goggles. Wear a face shield if splashing hazards exists  
**Gloves:** Appropriate chemical resistant gloves should be worn.  
**Skin Protection:** Skin contact should be prevented through the use of suitable protective clothing, gloves and footwear selected for conditions of use and exposure potential. Consideration must be given both to durability as well as permeation resistance.

**Other protection:**

### Exposure limits:

INGREDIENT	ACGIH	OSHA	Other
Alkyl benzenesulfonic acid			
Cocoamide DEA			

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid	<b>Solubility in water:</b>	Complete
<b>Boiling point:</b>	101°C	<b>Vapour pressure:</b>	Not available
<b>Vapour density:</b>	like water	<b>Evaporation rate:</b>	Like water
<b>Freezing point:</b>	0°C	<b>Odour threshold:</b>	Not available
<b>Specific gravity:</b>	1.0292	<b>pH:</b>	7.0
<b>Appearance &amp; odour:</b>	Yellow/Lemon		

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## 10. STABILITY AND REACTIVITY

**Stability:** Stable  
**Conditions of instability:** Product is stable  
**Incompatibility:** ( ) Water ( ) Oxidizers ( ) Acid ( ) Base ( ) Other  
**Conditions of reactivity:** None

## Hazardous decomposition products:

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### 11. TOXICOLGICAL PROPERTIES

#### POTENTIAL ACUTE HEALTH EFFECTS

**Ingestion:** May cause abdominal discomfort, nausea, diarrhea.

**Eye contact:** Direct contact may cause severe irritation, redness.

#### POTENTIAL CHRONIC HEALTH EFFECTS:

**Inhalation:** Not available

**Ingestion:** Not available

**Eye contact:** Not available

**Skin contact:** Not available

**Skin absorption:** Not available

**Irritancy of product:** See WHMIS criteria

**Sensitization of product:** Not available

**Carcinogenicity:** No evidence

**Reproductive**

**toxicity:** No evidence

**Mutagenicity:** No evidence

**Synergistic product:** Not available

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#### HAZARDOUS INGREDIENTS

Alkyl benzenesulfonic acid

#### CAS NO.

68584-22-5

#### TOXICITY DATA

LD<sub>50</sub> Dermal (Rat) 530 mg/kg

LD<sub>50</sub> Oral (Rat) 530 mg/kg

Cocoamide DEA

68603-42-9

Not available

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### 12. ECOLOGICAL INFORMATION

**Ecotoxicological information:** Not available

**Other information:** No additional remark

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### 13. DISPOSAL COSIDERATIONS

**Waste disposal:** Dispose of in a manner approved by local, provincial and federal regulations

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### 14. TRANSPORT INFORMATION

**TDG classification:**

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### 15. REGULATORY INFORMATION

**WHMIS:** D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

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### 16. PREPARATION INFORMATION

**Prepared by:** Nypower Industries Ltd., Ph: (403) 995-2588

**Disclaimer:**

Notice to reader

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