

## SAFETY DATA SHEET

### 1. IDENTIFICATION

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

Phone: 403-995-2588  
In Case of Emergency: 403-899-4226

**Product name:** Steam 2000  
**Other Name:**  
**Distributed by:**  
**Product Use:** Carpet Cleaner  
**Date Completed:** January 3<sup>rd</sup>,2020

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	%W/W	CAS Number
Sodium Metasilicate	2-4	6834-92-0
Sodium Tripolyphosphate	2-4	7758-29-4
Sodium Carbonate	1-3	497-19-8

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### 3. HAZARDS IDENTIFICATION



**Signal word:** Danger

**Hazard Statements:** Eye and Skin irritant  
Harmful if swallowed

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### 4. FIRST AID MEASURES

**Inhalation:** Move victim to fresh air  
**Ingestion:** Do not induce vomiting. Rinse mouth with milk or water. Get immediate medical attention.  
**Eye contact:** Flush with water for 15 minutes.  
**Skin contact:** Rinse thoroughly with water. Wash contaminated footwear and clothing before reuse  
**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 extinguishing media appropriate for surrounding fire

**Autoignition temperatures:** Not applicable  
**Hazardous combustion products:** Not applicable  
**Explosion data:**  
**Sensitivity to mechanical impact:** Not applicable  
**Sensitivity to static discharge:** Not applicable  
**Special firefighting procedures:** As for surrounding fire

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## 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. Small spills can be flushed or wiped. Do not allow runoff into public waterways

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## 7. HANDLING AND STORAGE

**Handling:** Close container when not in use. Avoid transfer of product. Wash thoroughly after handling.  
**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  
**Other protection:** Wear protective clothing as necessary to prevent skin contact

### Exposure limits:

INGREDIENT	ACGIH	OSHA	Other
Sodium Metasilicate	Not available		
Sodium Tripolyphosphate	Not available		
Sodium Carbonate	Not available		

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid	<b>Solubility in water:</b>	Complete
<b>Boiling point:</b>	106°C	<b>Vapour pressure:</b>	Like water
<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>	1.0750	<b>pH:</b>	11.9
<b>Appearance &amp; odour:</b>	Clear/ Slight odour		

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## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions of instability:** Product is stable  
**Incompatibility:** ( ) Water (X) Oxidizers ( ) Acid ( ) Base ( ) Other  
Strong acids  
**Conditions of reactivity:** Contact with strong oxidizers  
**Hazardous decomposition products:** None known

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## 11. TOXICOLGICAL PROPERTIES

### POTENTIAL ACUTE HEALTH EFFECTS

**Ingestion:** May cause irritation or burning of gastrointestinal tract, nausea, and diarrhea.  
**Eye contact:** Direct contact may cause irritation, redness  
**Skin Contact:** May cause irritation, and 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 known significant effects  
**Reproductive toxicity:** No known significant effects  
**Mutagenicity:** No known significant effects  
**Synergistic product:** Not available

HAZARDOUS INGREDIENTS	CAS NO.	TOXICITY DATA
Sodium Metasilicate	6834-92-0	LD <sub>50</sub> Oral (Rat) 1153 mg/kg
Sodium Tripolyphosphate	7758-29-4	LD <sub>50</sub> Oral (Rat) 3100 mg/kg LD <sub>50</sub> Dermal (Rabbit) 7940 mg/kg
Sodium Carbonate	497-19-8	LD <sub>50</sub> Oral (Rat) 4090 mg/kg

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicological information:** Not Available  
**Other information:**

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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:** Not regulated

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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

**Last update:** Jan. 3, 2020

**Disclaimer:**

Notice to reader

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