

## 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:** E.D. 6000  
**Other Name:**  
**Distributed by:**  
**Product Use:** Industrial degreaser  
**Date Completed:** January 3<sup>rd</sup>,2020

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	%W/W	CAS Number
Ethylene Glycol Monobutyl Ether	3-7	11-76-2
Sodium Metasilicate	7-13	6834-92-0

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### 3. HAZARDS IDENTIFICATION



**Signal Word:** Danger  
**Hazard Word:** 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 water. Drink water and get 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  
**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
Ethylene Glycol Monobutyl Ether	20 ppm TWA	Not available	
Sodium Metasilicate	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>	105°C	<b>Vapour pressure:</b>	Like water
<b>Vapour density:</b>	Like water	<b>Evaporation rate:</b>	Like water
<b>Freezing point:</b>	-3°C	<b>Odour threshold:</b>	Not available
<b>Specific gravity:</b>	1.0618	<b>pH:</b>	11.9
<b>Appearance &amp; odour:</b>	Dark red/Little odour		

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**10. STABILITY AND REACTIVITY**

**Stability:** Stable  
**Conditions of instability:** Product is stable  
**Incompatibility:** ( ) Water (X) Oxidizers (X) Acid ( ) Base ( ) Other

**Conditions of reactivity:** Contact with strong acids  
**Hazardous decomposition products:** None known

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## 11. TOXICOLGICAL PROPERTIES

### POTENTIAL ACUTE HEALTH EFFECTS

**Inhalation:** Irritating to respiratory system  
**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, redness. Butyl may be absorbed through skin with repeat or prolonged exposure.

### POTENTIAL CHRONIC HEALTH EFFECTS:

**Inhalation:** Repeated or prolonged exposure may cause damage to lungs.  
**Ingestion:** Not available  
**Eye contact:** Not available  
**Skin contact:** Not available  
**Skin absorption:** Not available  
Prolonged overexposure to high concentrations of ethylene glycol monobutyl ether by absorption, ingestion and inhalation has caused blood, liver and kidney effects in laboratory animals.  
**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
Ethylene Glycol Monobutyl Ether	111-76-2	LD <sub>50</sub> Oral (Mouse) 1230 mg/kg LD <sub>50</sub> Oral (Rat) 917 mg/kg LD <sub>50</sub> Oral (Guinea pig) 1200 mg/kg LD <sub>50</sub> Oral (Rabbit) 320 mg/kg LD <sub>50</sub> Dermal (Rabbit) 320 mg/kg LC <sub>50</sub> Inhalation (Rat) 450 ppm/4H LC <sub>50</sub> Inhalation (Mouse) 700ppm/7H
Sodium Metasilicate	6834-92-0	LD <sub>50</sub> Oral (Rat) 1153 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, E

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

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 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.

