

## 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:** Quick Strip  
**Other Name:**  
**Distributed by:**  
**Product Use:** Floor Finish Remover  
**Date Completed:** January, 2015

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient                      | %W/W | CAS Number |
|---------------------------------|------|------------|
| Ethylene Glycol Monobutyl Ether | 2-8  | 111-76-2   |
| Monoethanolamine                | 1-4  | 141-43-5   |
| Sodium Hydroxide                | 5-10 | 1310-73-2  |
| Isopropyl Alcohol               | 1-4  | 67-63-0    |

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### 3. HAZARDS IDENTIFICATION

Eye and Skin irritant and can cause burns. Harmful if swallowed

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### 4. FIRST AID MEASURES

**Inhalation:** Move victim to fresh air and rest.  
**Ingestion:** Do not induce vomiting. Rinse mouth with water, and drink lots of water. Get immediate medical attention.  
**Eye contact:** Flush with water for 30 minutes. Get medical attention.  
**Skin contact:** Rinse thoroughly with water. Remove contaminated clothing and shoes and wash 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:** None  
**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. Keep away from food, drink and animal feed. 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                |      |       |
| Monoethanolamine                | 3 ppm                     |      |       |
| Sodium Hydroxide                | 2 mg/m <sup>3</sup> Ceil. |      |       |
| Isopropyl Alcohol               | 200 ppm TWA               |      |       |

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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>         | -7°C       | <b>Odour threshold:</b>     | Not available |
| <b>Specific gravity:</b>       | 1.0438     | <b>pH:</b>                  | 12.5          |
| <b>Appearance &amp; odour:</b> | Red/Butyl  |                             |               |

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## 10. STABILITY AND REACTIVITY

**Stability:** Stable  
**Conditions of instability:** Product is stable  
**Incompatibility:** ( ) Water ( ) Oxidizers (X) Acid ( ) Base (X) Other  
Metals like tin, galvanized zinc, brass and bronze.  
**Conditions of reactivity:** Strong acids  
**Hazardous decomposition products:** None known

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## 11. TOXICOLGICAL PROPERTIES

### POTENTIAL ACUTE HEALTH EFFECTS

|                      |   |
|----------------------|---|
| <b>Ingestion:</b>    | May cause severe irritation or burning of gastrointestinal tract, and possible mucosal injury.            |
| <b>Eye contact:</b>  | Direct contact may cause irritation, redness, burns and possible corneal injury.                          |
| <b>Skin Contact:</b> | May cause irritation, and redness. Butyl may be absorbed through skin with prolonged or repeated contact. |
| <b>Inhalation:</b>   | May irritate respiratory tract if used with inadequate ventilation.                                       |

### POTENTIAL CHRONIC HEALTH EFFECTS:

|                                  |                              |
|----------------------------------|------------------------------|
| <b>Inhalation:</b>               | Not available                |
| <b>Ingestion:</b>                | Not available                |
| <b>Eye contact:</b>              | Irritancy                    |
| <b>Skin contact:</b>             | Irritancy                    |
| <b>Skin absorption:</b>          | Not available                |
| <b>Irritancy of product:</b>     | See WHMIS criteria           |
| <b>Sensitization of product:</b> | No known significant effects |
| <b>Carcinogenicity:</b>          | No known significant effects |
| <b>Reproductive toxicity:</b>    | No known significant effects |
| <b>Mutagenicity:</b>             | No known significant effects |
| <b>Synergistic product:</b>      | None known                   |

| HAZARDOUS INGREDIENTS           | CAS NO.   | TOXICITY DATA   |
|---------------------------------|-----------|---|
| Ethylene Glycol Monobutyl Ether | 111-76-2  | LD <sub>50</sub> Oral (Mouse) 1230 mg/kg<br>LD <sub>50</sub> Oral (Rat) 917 mg/kg<br>LD <sub>50</sub> Oral (Guinea pig) 1200 mg/kg<br>LD <sub>50</sub> Oral (Rabbit) 320 mg/kg<br>LD <sub>50</sub> Dermal (Rabbit) 320 mg/kg<br>LC <sub>50</sub> Inhalation (Rat) 450 ppm/4H<br>LC <sub>50</sub> Inhalation (Mouse) 700ppm/7H |
| Monoethanolamine                | 141-43-5  | LD <sub>50</sub> Oral (Rat) 1720 mg/kg<br>LD <sub>50</sub> Oral (Guinea pig) 620 mg/kg<br>LD <sub>50</sub> Oral (Mouse) 700 mg/kg<br>LD <sub>50</sub> Dermal (Rabbit) 1018 mg/kg  |
| Sodium Hydroxide                | 1310-73-2 | LD <sub>50</sub> Dermal (Rabbit) 1350 mg/kg<br>LD <sub>50</sub> Oral (Mouse) 40 mg/kg   |
| Isopropyl Alcohol               | 67-63-0   | LD <sub>50</sub> Dermal (Rabbit) 12800 mg/kg<br>LC <sub>50</sub> Inhalation (Rat) 12000 ppm/8H<br>LD <sub>50</sub> Oral (Mouse) 3600 mg/kg<br>LD <sub>50</sub> Oral (Rat) 5045 mg/kg  |

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## 12. ECOLOGICAL INFORMATION

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|--------------------------------------|---------------|
| <b>Ecotoxicological information:</b> | Not available |
| <b>Other information:</b>            |               |

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### 13. DISPOSAL CONSIDERATIONS

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

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### 14. TRANSPORT INFORMATION

**TDG classification:** SODIUM HYDROXIDE SOLUTION, CORROSIVE LIQUID NOS  
CLASS 8  
UN 1814, PG II

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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

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