

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: Power Wash
Other Name:
Distributed by:
Product Use: Heavy Duty Power Wash Concentrate
Date Completed: January 3rd, 2020

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	%W/W	CAS Number
Ethylene Glycol Monobutyl Ether	5-10	11-76-2
Potassium Hydroxide	8-15	1310-58-3
Sodium Tripolyphosphate	8-13	7758-29-4

3. HAZARDS IDENTIFICATION



Signal word: Danger

Hazard Statements: Eye, Skin, and Inhalation irritant
Can cause burns
Harmful if swallowed

4. FIRST AID MEASURES

Ingestion: Do Not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention. If conscious rinse mouth with water. Drink large quantities of water or milk.

Eye contact: Flush with water for 20 minutes, lifting eyelids. Get medical attention.

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

Inhalation: Move victim to fresh air.

In all cases: If symptoms persist seek medical attention

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

7. HANDLING AND STORAGE

Handling:	Close container when not in use. Avoid contact with eyes, skin and clothing. Do not ingest. Avoid inhalation of chemical. Wash thoroughly after handling
Storage:	Store in a cool dry area. Keep out of reach of children. Do not freeze

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:	Ensure that eyewash stations and safety showers are proximal to the work-station

Exposure limits:			
INGREDIENT	ACGIH	OSHA	Other
Ethylene Glycol Monobutyl Ether	20 ppm TWA		
Potassium Hydroxide	Not available		
Sodium Tripolyphosphate	Not available		

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid	Solubility in water:	Complete
Boiling point:	106°C	Vapour pressure:	Like water
Vapour density:	Not available	Evaporation rate:	Not available

Freezing point: -7°C
Specific gravity: 1.0750
Appearance & odour: Blue/Little odor

Odour threshold: Not available
pH: 12.6

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions of instability: Product is stable
Incompatibility: () Water () Oxidizers (X) Acid () Base (X) Other
Metals such as aluminum, tin, galvanized zinc, brass and bronze
Conditions of reactivity: Contact with strong acids
Hazardous decomposition products: None known

11. TOXICOLOGICAL PROPERTIES

POTENTIAL ACUTE HEALTH EFFECTS

Ingestion: Extremely corrosive to gastrointestinal tract. May cause nausea and possible mucosal injury.
Eye contact: Direct contact may cause severe irritation, redness, burns and possible corneal injury.
Skin Contact: May cause irritation, redness. Butyl may be absorbed through skin with prolonged or repeated contact.

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:	No evidence
Carcinogenicity:	No evidence
Reproductive toxicity:	No evidence
Mutagenicity:	No evidence
Synergistic product:	Not available

HAZARDOUS INGREDIENTS
Ethylene Glycol Monobutyl Ether

CAS NO.
111-76-2

TOXICITY DATA
LD₅₀ Oral (Mouse) 1230 mg/kg
LD₅₀ Oral (Rat) 917 mg/kg
LD₅₀ Oral (Guinea pig) 1200 mg/kg
LD₅₀ Oral (Rabbit) 320 mg/kg
LD₅₀ Dermal (Rabbit) 320 mg/kg
LC₅₀ Inhalation (Rat) 450 ppm/4H
LC₅₀ Inhalation (Mouse) 700ppm/7H
LD₅₀ Oral (Rat) 3100 mg/kg
LD₅₀ Oral (Rat) 3100 mg/kg
LD₅₀ Dermal (Rabbit) 7940 mg/kg

Potassium Hydroxide
Sodium Tripolyphosphate

1310-58-3
7758-29-4

12. ECOLOGICAL INFORMATION

Ecotoxicological information: Not available
Other information: No additional remark

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: POTASSIUM HYDROXIDE SOLUTION Corrosive Liquid
UN 1814 CLASS 8
PG II

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

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.