

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: H.D.D. Solvent
Other Name:
Distributed by:
Product Use: Heavy Duty Solvent Degreaser Cleaner
Date Completed: January, 2015

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	%W/W	CAS Number
Stoddard Solvent	50-60	8052-41-3
Ethylene Glycol Monobutyl Ether	5-10	111-76-2

3. HAZARDS IDENTIFICATION

Eye and Skin irritant. Harmful if swallowed

4. FIRST AID MEASURES

Inhalation: Move victim to fresh air.
Ingestion: Do not induce vomiting. Rinse mouth with water. Do not administer anything by mouth to an unconscious person. Dilute by drinking large quantity of water. Get medical attention immediately.
Eye contact: Flush immediately with water for 30 minutes. If irritation persists, seek medical attention
Skin contact: Rinse thoroughly with water. Wash contaminated footwear and clothing before reuse.
In all cases: If symptoms persist seek medical attention

5. FIRE - FIGHTING MEASURES

Flash point (test method): 43°C (Closed cup)
Flammable limits: Flammable
Lower: .8%
Upper: 5%
Fire extinguishing substances: Carbon Dioxide, Dry Chemical or Alcohol Foam
Auto ignition temperatures: 229°C
Hazardous combustion products: Not available
Explosion data: Not available
Sensitivity to mechanical impact: Not available
Sensitivity to static discharge: Not available
Special firefighting procedures:

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. Remove all ignition sources. Collect and reuse if possible. Absorb with inert material and place in waste containers. Do not allow runoff into public waterways

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 away from extreme heat, spark or flames.

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
Stoddard Solvent	100 ppm	500 ppm	
Ethylene Glycol Monobutyl Ether	20 ppm TWA	Not available	

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid	Solubility in water:	No
Boiling point:	150°C	Vapour pressure:	Not available
Vapour density:	Not available	Evaporation rate:	0.13
Freezing point:	-60°C	Odour threshold:	Not available
Specific gravity:	0.797	pH:	Not available
Appearance & odour:	Clear/ Solvent	Aromatic Content:	0.3%

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions of instability:	Yes
Incompatibility:	() Water (X) Oxidizers () Acid () Base () Other Strong oxidizing agents such as pure oxygen and liquid chlorine
Conditions of reactivity:	Not available

Hazardous decomposition products: Carbon monoxide, Carbon dioxide and Black smoke

11. TOXICOLGICAL PROPERTIES

POTENTIAL ACUTE HEALTH EFFECTS

Ingestion: May result in vomiting. Do not allow vomit into lungs as aspiration can be fatal.
Eye contact: Vapour can cause eye irritation; direct contact can cause redness and swelling of tissue.
Skin Contact: Drying of skin & mild irritation. Contains butyl which may be absorbed through repeated contact.
Inhalation: Prolonged exposure may cause dizziness, headache, nausea and central nervous depression.

POTENTIAL CHRONIC HEALTH EFFECTS:

Ingestion:	Not available
Eye contact:	Irritant
Skin contact:	Irritant
Skin absorption:	Irritant
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

HAZARDOUS INGREDIENTS	CAS NO.	TOXICITY DATA
Stoddard Solvent	8052-41-3	LD ₅₀ Oral (Rat) 5 g/kg LD ₅₀ Skin (Rabbit) >3 g/kg LC ₅₀ Inhalation (Rat) >5500 mg/m ³ /4H
Ethylene Glycol Monobutyl Ether	111-76-2	LD ₅₀ Oral (Mouse) 1230 mg/kg LD ₅₀ Oral (Rat) 917 mg/kg LD ₅₀ Oral (Guinea pig) 1200 mg/kg LD ₅₀ Oral (Rabbit) 320 mg/kg LD ₅₀ Dermal (Rabbit) 320 mg/kg LC ₅₀ Inhalation (Rat) 450 ppm/4H LC ₅₀ Inhalation (Mouse) 700ppm/7H

12. ECOLOGICAL INFORMATION

Ecotoxicological information: Not Available
Other information:

13. DISPOSAL COSIDERATIONS

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

14. TRANSPORT INFORMATION

TDG classification: Not Regulated

15. REGULATORY INFORMATION

WHMIS: D2B, B3

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

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