

310 Wayto Road | Schenectady, NY 12303 ● TEL: 800-283-3888 | FAX: 518-357-9636
EMAIL: moreinfo@sandellmfg.com | www.diedrichtechnologies.com

606 MULTI-LAYER PAINT REMOVER

1. PRODUCT DATA

Date of Preparation: March 1, 2015
Product Name: 606 Multi-Layer Paint Remover
Producer: Diedrich Technologies, A Hohmann & Barnard Company, 310 Wayto Road, Schenectady, NY 12303
Company Contact: Mike Eglin
Telephone: 800-283-3888
24-Hour Emergency Contact: CHEMTREC 800-424-9300
This product is manufactured for Commercial/Industrial use. Not recommended for: Household use.

2 - HAZARDS IDENTIFICATION

GHS Ratings:

Skin corrosive: 1A
Destruction of dermal tissue: Exposure < 3 min. Observation < 1 hour, visible necrosis in at least one animal

Eye corrosive: 1
Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5

Reproductive toxin: 1B
Known or presumed to cause effects on human reproduction or on development

GHS Hazards

H302 Harmful if swallowed
H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage
H360 May damage fertility or the unborn child

GHS Precautions

P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P260 Do not breathe dust/fume/gas/mist/vapors/spray
P264 Wash skin thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P280 Wear protective gloves/protective clothing/eye protection/face protection
P281 Use personal protective equipment as required
P310 Immediately call a POISON CENTER or doctor/physician
P321 Specific treatment (see section 4)
P330 Rinse mouth

P363 Wash contaminated clothing before reuse
P301+P312
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P301+P330+P331
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303+P361+P353
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338
IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313
IF exposed or concerned: Get medical advice/attention
P405 Store locked up
P501 Dispose of contents/container according to local regulation

Danger



3. COMPOSITION

Chemical Name/CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Potassium Hydroxide 1310-58-3 38 percent		2 mg/m ³ Ceiling	NIOSH: 2 mg/m ³ Ceiling
Diethylene glycol monobutyl ether 112-34-5 4 percent		10 ppm TWA (inhalable fraction and vapor)	

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4. FIRST AID MEASURES

Inhalation: Remove from further exposure. For those providing assistance, avoid exposure to yourself. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, a trained individual should attempt to resuscitate while getting immediate medical aid.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes.

Skin Contact: In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water.

Ingestion: If conscious, give 2 to 3 glasses of water. Do not induce vomiting and seek medical attention immediately.

Notes to Physician: No data found.

5. FIRE FIGHTING MEASURES

Flammable Limits: LEL & UEL – N/A

Flash Point: No data available.

Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Unusual Fire or Explosion Hazards: No data available.

Hazardous Combustion Products: See Section 10 for a list of hazardous decomposition products for this mixture.

Fire Fighting: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

Fire Fighting: Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Stop leak if you can do it without risk, stay upwind, and avoid run off to waterways and sewers.

SMALL SPILLS: Prevent entry into waterways, sewers, basements or confined areas. Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal.

LARGE SPILLS: Prevent entry into waterways, sewers, basements or confined areas. Dike to collect large liquid spills, collect leaking liquid in sealable compatible containers.

BASE SPILLS: Neutralize with Citric Acid, or Dilute Acetic Acid. Cautiously neutralize remainder. Then wash away with plenty of water.

7. HANDLING AND STORAGE

Handling Precautions: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containment closed when not in use. Do not handle or store material near heat, sparks, or open flames, or other sources of ignition.

Storage: Prevent from freezing. Store at room temperatures, i.e., 40° to 95°F (4° to 35°C)

Regulatory Requirements: No data found

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Chemical Name/ CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Potassium Hydroxide 1310-58-3		2 mg/m3 Ceiling	NIOSH: 2 mg/m3 Ceiling
Diethylene glycol monobutyl ether 112-34-5		10 ppm TWA (inhalable fraction and vapor)	

Engineering controls: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Ensure that eyewash stations and safety showers are close to the workstation location.

Ventilation Control: Provide adequate ventilation to control airborne concentration below the exposure guidelines/limits.

Administrative controls: No data found.

Personal Protection: As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a hazard Assessment of all workplaces to determine the need for proper protective equipment for each employee.

Eye Protection: Normal industrial eye protection practices should be employed.

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Skin Protection: In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Respiratory: If airborne concentration limits are not met, an approved respirator must be worn.

Contaminated Equipment: Dispose of the waste in compliance with federal, state, regional, and local regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Evaporation rate: Not Determined

Flammability: Not Determined

Appearance: Brown Paste

Odor: Mild

Physical State: Liquid Vapor

Pressure: Not Determined

Odor threshold: Not Determined

Vapor Density: Not Determined

pH: Strong Base >12

Explosive Limits: 0%

Partition coefficient (n-Octanol/water): Not Determined

Autoignition temperature: 442°F (228°C)

Decomposition temperature: Not Determined

Viscosity: Not Determined

Density: 1.405394431

Melting point: Not Determined

Freezing point: Not Determined

Solubility: Complete

Boiling range: 100°C

Flash point: 999°C, 999°F

10. STABILITY AND REACTIVITY

Stability: STABLE

Incompatibilities: Avoid contact with strong acids.

Hazardous Decomposition Products: *Note:* these are all possible decomposition products based on molecular structure of components.

- Oxides of Carbon
- Oxides of Potassium
- Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Mixture Toxicity:

Oral Toxicity: 565.00mg/kg

Component Toxicity:

112-34-5 Diethylene glycol monobutyl ether

Oral: 3,384.00 mg/kg (Rat)

Dermal: 2,700.00 mg/kg; (Rabbit)

Routes of entry: No data found.

Target Organs: Eyes, Skin, and Respiratory System

Effects of Overexposure:

CAS Number	Description	% Weight	Carcinogen Rating
None			No Data Found

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available for this product.

Component Ecotoxicity:

Diethylene glycol monobutyl ether

96 Hr LC50 *Lepomis macrochirus:* 1300 mg/L [static]

48 Hr EC50 *Daphnia magna:* >100 mg/L

96 Hr EC50 *Desmodesmus subspicatus:* >100 mg/L

13. DISPOSAL

Disposal Instructions: Refer to the latest federal, state, and local regulations regarding proper disposal.

14. TRANSPORTATION INFORMATION

The following is for US DOT Highway transportation. Other modes/jurisdictions may have different classifications.

Agency	Proper Shipping Name	UN Number	Packaging Group	Hazard Class
US DOT	Potassium Hydroxide Solution	UN1814	II	8

15 - REGULATORY INFORMATION

This listing is to highlight federal level regulation of the product. Individual states, and other nations may have further regulations not listed below.

US DOT List of Marine Pollutants

(172.101 - Appendix B): None

US DOT List of Hazardous Substances and Reportable Quantities (172.101 Appendix A):

1310-58-3 Potassium Hydroxide 38 %

US DOT List of Severe Marine Pollutants

(172.101 - Appendix B): None

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SARA Section 302 Extremely Hazardous Substances (40 CFR 355): None

Sara Section 302 Threshold Planning Quantity: None

SARA Section 313, Toxic Chemicals (40 CFR 372.65): None

SARA Reportable Quantity:

1310-58-3 Potassium Hydroxide 38 %

EU RISK PHRASES

Toxic Substances Control Act (TSCA): All components are listed or exempt from the Toxic Substances Control Act except those listed below.

- None

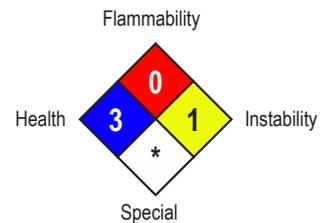
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1985 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act, and Title 40 of the Code of Federal Regulations, part 372.

16. OTHER INFORMATION

Hazardous Material Information System (HMIS)

Health	3
Flammability	0
Physical Hazard	1
Personal Protection	D

National Fire Protection Association (NFPA)



HMIS & NFPA Hazard Rating Legend

- * = CHRONIC HEALTH HAZARD
- 0 = INSIGNIFICANT
- 1 = SLIGHT
- 2 = MODERATE
- 3 = HIGH

LEGEND

0 = LEAST 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME

N.D. = NOT DETERMINED N.A. = NOT AVAILABLE N/A = NOT APPLICABLE

DISCLAIMER: While this company believes that the data contained herein are factual and the opinions expressed are based on tests and data believed to be reliable, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by this company as to the effects of such use, the results to be obtained, or the safety and toxicity of the product, nor does this company assume any liability arising out of use, by others, of the product referred to herein. Nor is this information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or governmental regulations.

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