

SAFETY DATA SHEET

1. Product and Company Identification

Product Name	MARK MAGIC HEAVY DUTY DEGREASER
Product Number	152
Product Type	Mixture
Product Use	Liquid alkaline cleaner degreaser
Manufacturer/Supplier	National Purity, LLC. 6840 Shingle Creek Parkway, Suite #23 Brooklyn Center, MN 55430
Company Contact	612-672-0022
Emergency Telephone Number	1-800-255-3924
Email	customerservice@nationalpurity.com

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910 OSHA HCS

- Flammable liquid, (Category 4) H227
- Acute toxicity, Oral (Category 3) H301,
- Skin irritation, (Category 2) H314
- Eye irritation, (Category 1) H318
- Respiratory irritation (Category 4) H335
- Acute aquatic toxicity, (Category 3) H402
- Chronic aquatic toxicity, (Category 3) H412

GHS Label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard Statements

- | | |
|------|--|
| H301 | Toxic if swallowed. May cause corrosive damage to mouth, throat, or stomach. |
| H314 | Causes severe skin burns and eye damage. |
| H318 | Causes severe eye damage. |
| H335 | May cause respiratory irritation. |
| H412 | Harmful to aquatic life with long lasting effects |

Precautionary Statements
Prevention

- | | |
|------|--|
| P210 | Keep away from heat/sparks/open flames/hot surfaces and other sources of ignition. No smoking. |
| P264 | Wash hands thoroughly after handling. |
| P270 | Do not eat, drink, or smoke when using this product. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |

P261	Avoid breathing mist/vapors/spray.
P273	Avoid release to the environment.
Response	
P370+P378	In case of fire, use procedures proper for the primary source of the fire.
P302+P352	IF ON SKIN, wash thoroughly with soap and water and rinse with plenty of water.
P312	Call a POISON CENTER/doctor if irritation occurs or if feeling unwell.
P362+P364	Take off contaminated clothing and wash before reuse.
P301+P312+P330	IF SWALLOWED, immediately call a POISON CENTER/doctor. DO NOT INDUCE VOMITING. Rinse mouth with water.
P305+P351+P337+P313	IF IN EYES, rinse cautiously for several minutes. Remove contact lenses if present. Continue rinsing. If eye irritation persists, Get medical advice and attention
P304+P340+P312	IF INHALED: remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if having difficulty breathing or feeling unwell.
Storage/Disposal	
P403+P235+P340	Store in a well-ventilated place. Keep cool. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/federal regulations.

3. Composition/Information on Ingredients

The following are criteria in this section for listing components: Ingredients that meet the criteria for carcinogenic, toxic to reproduction, or specific target organ toxicity and components otherwise considered hazardous according to OSHA which exceed the cut off limits for SDS specified by the criteria for mixtures are listed. Nonhazardous components are not listed. This is not a composition disclosure. Exact percentages are considered proprietary and a trade secret.

Hazardous Components	CAS#	Classification	%
Diethylene glycol monobutyl ether	112-34-5	H319	5-10%
Potassium hydroxide	1310-58-3	H301, H314, H318, H402, H412	1-5%
Dodecylbenzene sulfonic acid	27176-87-0	H301, H314, H318, H412	1-5%
Sodium xylenesulfonate	1300-72-7	H319	< 3%

4. First Aid Measures

Description of First Aid Procedures	
General Advice	Consult a physician. Show this SDS to the doctor.
In Case of Eye Contact	Flush with cool running water for 15 minutes. Remove contact lenses if present. Get immediate medical attention.
In Case of Skin Contact	Wash with soap and water and rinse thoroughly with cool running water. Remove contaminated clothing. Get immediate medical attention if irritation persists.
If Ingested	Rinse mouth with water. Do not induce vomiting. Obtain immediate medical attention. Never give anything by mouth to an unconscious person.
If Inhaled	Move person to fresh air. If breathing difficulty persists, consult a physician. Symptoms may be delayed.
Notes to Physician	
General advice	Seek medical attention if feeling unwell. Show the SDS to the physician in attendance.

5. Fire-fighting Measures

Flammable properties	Combustible.
Extinguishing media	Use dry chemical, foam, carbon dioxide or water fog.

Protection of firefighters	Firefighters should wear protective clothing including self contained breathing apparatus
Hazardous combustion products Unusual Fire, Explosion hazards	May include and not limited to oxides of carbon, and nitrogen. Containers may melt or rupture from heat of fire. May form combustible mixtures with air when heated.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personal away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled containers unless wearing protective Clothing.
Methods for containment Methods for cleaning up	Stop leak if you can do so without risk. Prevent entry into waterways, sewers. Before attempting clean up, refer to hazard data given above. Eliminate all nearby sources of ignition and extinguish nearby heat sources and open flames. Small spills may be mopped up and rinsed. Large spills, dike area to prevent from spreading. Absorb with non reactive absorbent and place in suitable, covered, and labeled container. Rinse area with water. Never return spill to original container.
Environmental precautions	Avoid spills. Keep out of waterways.

7. Handling and Storage

Precautions for Safe Handling	Use good industrial hygiene practices when handling this material. Avoid contact with eyes, skin, and clothing. Wash contaminated clothing before reuse.
Conditions for Safe Storage	Keep container closed when not in use. Keep out of reach of children. Keep away from heat or sources of ignition. Store locked up.

8. Exposure Controls and Personal Protection

Exposure Limits			
Ingredients	CAS#	OSHA PEL	ACGIH TLV
Diethylene glycol monobutyl Ether	111-76-2	Not available	10 ppm TLV
Potassium hydroxide	1310-58-3	Not available	2 mg/m ³ TLV
Dodecylbenzene sulfonic acid	27176 87-0	Not available	Not available
Sodium xylenesulfonate	1300-72-7	Not available	Not available

Engineering controls	General ventilation normally adequate.
Personal protective equipment	
Eye/Face protection	Wear goggles or safety glasses with side shields if splash conditions exist. Have suitable eye wash water available.
Hand protection	Wear impermeable gloves to prevent contact with skin.
Skin and body	As required by employer code.
Respiratory protection	Use a NIOSH approved respirator when exposure guidelines are exceeded.
General hygiene considerations	Handle in accordance with good industrial hygiene practices. Do not eat or drink when using product. Wash hands well before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance/form	Clear liquid
Color	Colorless
Odor	Solvent odor
Odor threshold	Not established
pH	13.0-14.0 (concentrate)
Melting/freezing point	Not established
Initial Boiling point	≈212° F (100° C.)
Flash point	145° F (62.8° C.) CC
Evaporation rate	Not established
Flammability	Combustible
Upper/lower flammability or	Not established
Explosive limits	
Vapor pressure	Not established
Vapor density	Not established
Specific gravity/density	1.05-1.07
Solubility in water	Complete
VOC	< 1%
% Volatile	Not established

Other Safety Information

10. Stability and Reactivity

Reactivity	Not reactive under normal use or storage.
Chemical Stability	Stable under normal storage conditions.
Hazardous reactions	None known.
Conditions to avoid	Heat, sparks, or open flame. Do not mix with other chemicals.
Incompatible materials	Strong acids, alkalis, strong oxidizing agents.
Hazardous decomposition products	May include but not limited to oxides of carbon, and nitrogen.
Hazardous polymerization	Will not occur

11. Toxicological Information

Ingredients	LC50
Diethylene glycol monobutyl ether	1300 mg/l, 96 h (Bluegill sunfish)
Potassium hydroxide	80 mg/l, 96 h (Western mosquitofish)
Dodecylbenzene sulfonic acid	1.67 mg/l, 96 h (Fish)
Sodium xylenesulfonate	> 1000 mg/l, 96 h (Rainbow trout)
Ingredients	LD50
Diethylene glycol monobutyl ether	3305 mg/kg Acute oral (Rat), 2764 mg/kg Acute dermal (Rabbit)
Potassium hydroxide	273 mg/kg Acute oral (Rat)
Dodecylbenzene sulfonic acid	> 2000 mg/kg Acute oral (Rat), 500-2000 mg/kg Acute dermal (Rabbit)

	Sodium xylene sulfonate	> 7000 mg/kg Acute oral (Rat), > 2000 mg/kg
Acute dermal (Rabbit)		
Eye	Causes severe eye damage.	
Skin	May cause severe skin burns.	
Ingestion	Harmful if swallowed. May cause corrosive damage to mouth, throat and stomach.	
Inhalation	May cause irritation of nose and throat.	
Sensitization	Nonhazardous.	
Chronic effects of short and long Term exposure	Prolonged exposure to skin may cause drying, defatting and irritation.	
Carcinogenicity	Does not contain ingredients considered carcinogenic by NTP, or OSHA. IARC	
Mutagenicity	Nonhazardous.	
Reproductive effects	Nonhazardous.	
Teratogenicity	Nonhazardous.	

12. Ecological Information

Eco-toxicity	Ecological effects for this product have not been analyzed. However, if spilled this product's ingredients are harmful to aquatic life and may have long lasting effects.	
Diethylene glycol monobutyl Ether	EC50 (Daphnia magna): > 100 mg/l, 48 h	
Potassium hydroxide	Not available	
Dodecylbenzene sulfonic acid	EC50 (Algae): 47.3 mg/l, 72 h EC50 (Daphnia): 2.4 mg/l, 48 h	
Sodium xylenesulfonate	EC50 (Daphnia): > 1020 mg/l, 48 h	
Environmental effects	Not Available	
Aquatic toxicity	Not Available	
Persistence and Degradability	Not available	
Bioaccumulation/accumulation	Not Available	
Partition coefficient	Not Available	
Mobility in environmental media	Not Available	
Chemical fate information	Not Available	
Other adverse effects	Not Available	

13. Disposal Considerations

Waste codes	Not Available
Disposal instructions	Dispose in accordance with local, state, and federal regulations
Wastes from residues/unused product	Containerize. Rinse area with water. Keep out of storm sewer/waterways.
Contaminated packaging	Dispose in accordance with all applicable regulations.

14. Transport Information

Basic shipping requirements:	
Proper shipping name:	Potassium hydroxide solution, 8, UN1814, PG II
Hazard class	8

UN number	1814
Packing group	II
Special provisions	
Packaging exceptions	None

15. Regulatory Information

U.S federal regulations	This product has been classified in accordance with the Occupational Safety and Health Administration hazard criteria and the SDS contains all of the information required by OSHA. HCS 2012	
TSCA	All ingredients are listed on the Toxic Substances Control Act	
CERCLA Super Fund 40 CFR 117.302	Product contains a material with a Reportable Quantity (RQ)	
	2-Butoxyethanol	RQ = 5000 Lbs.
	Dodecylbenzene sulfonic acid	RQ = 1000 Lbs.
SARA Title III Section 311&312 SARA Title III Section 313	Immediate (Acute) Health Hazard Diethylene glycol monobutyl ether is subject to the reporting requirements of section 313 of Title III SARA.	
States Right to Know	<p>Pennsylvania Right-to-Know: Potassium hydroxide (CAS: 1310-58-3)</p> <p>Massachusetts Right-to-Know: Potassium hydroxide (CAS: 1310-58-3)</p> <p>New Jersey Right-to-Know: Potassium hydroxide (CAS: 1310-58-3)</p> <p>Rhode Island Right-to-Know: Potassium hydroxide (CAS: 1310-58-3)</p>	
Warning	This product contains a chemical known to the state of California to cause cancer Diethanolamine (CAS: 111-42-2) < 0.01% Sulfur dioxide (CAS: 7446-09-5)	
Inventory Status	Inventory Name	On Inventory (Yes/No)*
Countries		
U.S.	CIL	Yes
Canada	DSL	Yes
<ul style="list-style-type: none"> A "Yes" indicates that all of the components of this product comply with the inventory requirements administered by the governing country(s) listed. 		

16. Other Information

HMIS RATING HMIS Legend

Severe 4
 5/13/2022

Health 3
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Moderate 2
 Slight 1
 Minimal 0

Serious 3
Reactivity 1

Flammability 1

Personal Protection B

Disclaimer

To the best of our knowledge, the information included herein is accurate. However, neither the above named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the 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.

Issue date
Supersedes date
Reason for update

May 13, 2022
 Previous issues
 New Product