

# SAFETY DATA SHEET - MightyGreen

<b>SECTION 1. PRODUCT IDENTIFICATION AND SUPPLIER</b>  <b>Product identifier:</b> MightyGreen MG1 - 1 Gallon, MG5 - 5 Gallon <b>Other means of identification:</b> High pH Surfactant Blend <b>Product type:</b> Liquid <b>Recommended uses:</b> Cleaner/Car Wash Soap <b>Restrictions on use:</b> None known	<b>Supplier's Details:</b> Express! Solutions, Inc. 411 Greenfield Dr. Unit 6A Tiffin, IA 52340 (563) 299-0144 www.expressolutions.us  <b>Emergency phone number:</b> CHEMTREC (800) 424-9300 (24 HOURS A DAY) International: +1-703-527-3887													
<b>Section 2. HAZARDS IDENTIFICATION</b>  <b>Classification of the substance or mixture:</b> SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2  <b>GHS label elements hazard pictograms:</b>  <b>Signal word:</b> Danger  <b>Hazard Statements</b> <b>General:</b> Skin/eye irritation - Category 2 <b>Prevention:</b> Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep only in original container. Wash hands thoroughly after handling.	<b>Response :</b> IF INHALED: Remove victim to fresh air. SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a poison center or physician. ON SKIN (or hair): Take off all contaminated clothing. Rinse skin with water or shower. IN EYES: Rinse cautiously with water.; Remove contact lenses, if present. Continue rinsing.  <b>Storage:</b> Store locked up. Store in original container. <b>Disposal:</b> Dispose of contents and container in accordance with all local, regional, national and international regulations.  <b>Hazards Not Otherwise Classified:</b> None known.													
<b>Section 3. COMPOSITION/INFORMATION ON INGREDIENTS</b>  <b>Substance/mixture:</b> Mixture <b>Other means of identification:</b> Not Available <b>CAS number :</b> Not Applicable <b>Product code :</b> Not Applicable	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Chemical Name</th> <th style="text-align: center;">%</th> <th style="text-align: center;">CAS Number</th> </tr> </thead> <tbody> <tr> <td>Potassium Hydroxide</td> <td style="text-align: center;">4 - 15</td> <td style="text-align: center;">1310-58-3</td> </tr> <tr> <td>Proprietary ingredient 2</td> <td style="text-align: center;">Proprietary</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Proprietary ingredient 3</td> <td style="text-align: center;">Proprietary</td> <td style="text-align: center;">-</td> </tr> </tbody> </table> <p>The chemical identity and exact percentage of the composition has been withheld as it is a trade secret. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.</p>	Chemical Name	%	CAS Number	Potassium Hydroxide	4 - 15	1310-58-3	Proprietary ingredient 2	Proprietary	-	Proprietary ingredient 3	Proprietary	-	
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<b>Section 4. FIRST AID MEASURES</b>  <b>Necessary First Aid Measures</b> <b>Eye contact:</b> Flush eyes with plenty of water, Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention. <b>Inhalation:</b> Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. <b>Skin contact:</b> Flush contaminated skin water. Get medical attention. <b>Ingestion:</b> Wash out mouth with water. Do not induce vomiting. Get medical attention. <b>Most Important Symptoms/Effects.</b> <b>Eye contact:</b> Causes serious eye damage <b>Inhalation:</b> Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. <b>Skin contact:</b> Causes skin irritation <b>Ingestion:</b> May be irritating to mouth, throat and stomach <b>Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary</b> <b>Notes to physician:</b> Treat symptomatically. Contact poison Treatment specialist. In case of inhalation of decomposition products in a fire, symptoms may be delayed.														
<b>Section 5. FIRE-FIGHTING MEASURES</b>  <b>Extinguishing Media</b> <b>Suitable:</b> Use an extinguishing agent suitable for the surrounding fire. <b>Unsuitable:</b> None known <b>Specific hazards arising from chemical:</b> In a fire or if heated, a pressure increase will occur and the container may burst. <b>Hazardous thermal decomposition products:</b> Decomposition products may include the following materials: carbon dioxide, carbon monoxide <b>Special protective actions for fire-fighters:</b> Isolate scene by removing all persons from vicinity. No action shall be taken involving any personal risk or without suitable training. <b>Special protective equipment for fighters:</b> Fire-fighters should wear protective equipment, self-contained breathing apparatus (SCBA) full face-piece operated in positive pressure mode.														
<b>Section 6. ACCIDENTAL RELEASE MEASURES</b>  <b>Personal Precautions, Protective Equipment and Emergency Procedures</b> <b>Personal precautions:</b> No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. <b>Emergency responders:</b> If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. <b>Environmental Precautions:</b> Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). <b>Methods and materials for containment and cleaning up spills:</b> Move containers from spill area. Prevent entry into sewers, water courses. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.														
<b>Section 7. HANDLING AND STORAGE</b>  <b>Precautions for Safe Handling</b> <b>Protective measures:</b> Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container, kept tightly closed when not in use. <b>Advice on general conditions for safe storage, including incompatibilities:</b> Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands and face before eating, or smoking. Store in accordance with local regulations. Store protected from direct sunlight in a dry, cool and well-ventilated area. Keep away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.														

**Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Precautions for Safe Handling**

**Protective measures:** Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container, kept tightly closed when not in use.

**Advice on general conditions for safe storage, including incompatibilities:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands and face before eating, or smoking. Store in accordance with local regulations. Store protected from direct sunlight in a dry, cool and well-ventilated area. Keep away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**Section 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>		<b>Lower and upper explosive (flammable) limits:</b>	Not available
<b>Physical state:</b>	Liquid	<b>Vapor pressure:</b>	Highest known value: 2.3 kPa (17.2 mm Hg) (at 20°C (H <sub>2</sub> O))
<b>Color:</b>	Green	<b>Vapor density:</b>	> 1 [Air = 1]
<b>Odor:</b>	Mild Odor	<b>Relative density:</b>	1.01 – 1.05
<b>Odor Threshold:</b>	Not available	<b>Solubility:</b>	Easily soluble in the following materials: water
<b>pH:</b>	12 to 13	<b>Partition coefficient n-octanol/water:</b>	Not available
<b>Melting/freezing point:</b>	Not available	<b>Auto-ignition temperature:</b>	Not available
<b>Boiling point/range:</b>	> 100°C (> 212°F)	<b>Decomposition temperature:</b>	Not available
<b>Flash point:</b>	> 93.3°C (> 200°F)	<b>Viscosity:</b>	Not available
<b>Evaporation rate:</b>	Not available		
<b>Flammability (solid, gas):</b>	Not available		

**Section 10. STABILITY AND REACTIVITY**

**Reactivity:** No specific test data related to reactivity available for this product or its ingredients

**Chemical stability:** The product is stable

**Possibility of hazardous reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid:** No specific data.

**Incompatible materials:** Reactive or incompatible with the following materials: oxidizing materials.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Section 11. TOXICOLOGICAL INFORMATION**

<b>Exposure routes:</b>	Eye contact, dermal contact, ingestion, inhalation	<b>Sensitization:</b>	There is no data available
<b>Acute toxicity</b>		<b>Carcinogenicity:</b>	Not listed as a carcinogen by OSHA, NTP or IARC
<b>Eyes:</b>	Causes eye irritation, redness	<b>Mutagenicity:</b>	No known significant effects or critical hazards.
<b>Skin:</b>	Causes skin irritation, redness	<b>Teratogenicity:</b>	No known significant effects or critical hazards.
<b>Ingestion:</b>	Harmful if swallowed	<b>Developmental effects:</b>	No known significant effects or critical hazards.
<b>Inhalation:</b>	Respiratory Irritant	<b>Fertility effects:</b>	No known significant effects or critical hazards.

**Section 12. ECOLOGICAL INFORMATION**

<b>Toxicity:</b>	There is no data available	<b>Mobility in Soil</b>	
<b>Persistence and degradability:</b>	There is no data available	<b>Soil/water partition coefficient:</b>	Not available
<b>Bioaccumulative Potential:</b>	There is no data available	<b>Other adverse effects:</b>	No known significant effects or critical hazards.

**Section 13. Disposal Considerations**

**Waste disposal:** Recover or recycle if possible. Disposal should be in compliance with applicable federal, state, and local regulations.

**Container:** Drain container thoroughly, triple rinse.

**Section 14. TRANSPORT INFORMATION**

US DOT 49 CFR 172.101: Non-hazardous and Not Regulated

<b>Transport in accordance with all federal, state, and local regulations.</b>	<b>Packing group:</b>	Not Applicable
<b>TDG/DOT</b>	<b>Special Provisions:</b>	Not regulated as dangerous goods.
<b>Hazard class:</b>	<b>Special precautions for user:</b>	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
<b>UN number:</b>		

**Section 15. REGULATORY INFORMATION**

<b>US Federal Regulations</b>	<b>Chronic Health Hazard:</b>	No
<b>TSCA Status:</b> All components of product exempt from TSCA inventory.	<b>Fire Hazard:</b>	No
<b>CERCLA Reportable Qty:</b> None	<b>Sudden Release of Pressure Hazard:</b>	No
<b>Section 311/312 Hazard Category</b>	<b>Reactive Hazard:</b>	No
<b>Acute Health Hazard:</b> No	<b>Section 313 Toxic Chemicals:</b>	None

**Section 16. OTHER INFORMATION**

<b>History</b>		<b>Disclaimer:</b> 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 suitability of any material is the sole responsibility of the user. As the handling and use of products under user's conditions are beyond our control, no warranty, expressed or implied, including, but not limited to merchantability or fitness for a particular use, is made concerning this product. The user assumes all risk of use or handling whether or not in accordance with any directions or suggestions of the supplier. Seller shall not be liable to purchaser or any other person for loss or damages directly or indirectly arising from the use of our products, from breach of any warranty or from any other cause, the exclusive remedy against the seller being to require replacement or repair of defective goods.
<b>Date of issue mm/dd/yyyy:</b>	05/19/2015	
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<b>Version:</b>	1	
<b>Revised Section(s):</b>	Not applicable	
<b>Prepared by:</b>	Express! Solutions, Inc.	

End of Safety Data Sheet