

SAFETY DATA SHEET - KleenBrite

SECTION 1. PRODUCT IDENTIFICATION AND SUPPLIER		Supplier's Details:	Express! Solutions, Inc. 411 Greenfield Dr. Unit 6A Tiffin, IA 52340 (563) 299-0144 www.expressolutions.us	
Product identifier: KleenBrite KB1 - 1 Gallon, KB5 - 5 Gallon Other means of identification: High pH Surfactant Blend Product type: Liquid Recommended uses: Cleaner/Car Wash Soap Restrictions on use: None known		Emergency phone number:	CHEMTREC (800) 424-9300 (24 HOURS A DAY) International: +1-703-527-3887	
Section 2. HAZARDS IDENTIFICATION		Response :	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. Store locked up. Store in original container. Dispose of contents and container in accordance with all local, regional, national and international regulations.	
Classification of the substance or mixture: EYE IRRITATION - Category 2 SKIN IRRITATION - Category 2 GHS label elements hazard pictograms:  Signal word: Danger Hazard Statements General: Eye/Skin irritation - Category 2 Prevention: Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep only in original container. Wash hands thoroughly after handling.		Storage:	Store locked up. Store in original container.	
		Disposal:	Dispose of contents and container in accordance with all local, regional, national and international regulations.	
		Hazards Not Otherwise Classified:	None known.	
Section 3. COMPOSITION/INFORMATION ON INGREDIENTS		Chemical Name	%	CAS Number
Substance/mixture: Mixture		Potassium Hydroxide	4 - 15	1310-58-3
Other means of identification: Not Available		Proprietary ingredient 2	Proprietary	-
CAS number : Not Applicable		Proprietary ingredient 3	Proprietary	-
Product code : Not Applicable		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.		
Section 4. FIRST AID MEASURES		Necessary First Aid Measures		
Eye contact:		Flush eyes with plenty of water, Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.		
Inhalation:		Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention.		
Skin contact:		Flush contaminated skin water. Get medical attention.		
Ingestion:		Wash out mouth with water. Do not induce vomiting. Get medical attention.		
Most Important Symptoms/Effects.				
Eye contact:		Causes serious eye damage		
Inhalation:		Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.		
Skin contact:		Causes skin irritation		
Ingestion:		May be irritating to mouth, throat and stomach		
Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary				
Notes to physician:		Treat symptomatically. Contact poison Treatment specialist. In case of inhalation of decomposition products in a fire, symptoms may be delayed.		
Section 5. FIRE-FIGHTING MEASURES		Extinguishing Media		
Suitable:		Use an extinguishing agent suitable for the surrounding fire.		
Unsuitable:		None known		
Specific hazards arising from chemical:		In a fire or if heated, a pressure increase will occur and the container may burst.		
Hazardous thermal decomposition products:		Decomposition products may include the following materials: carbon dioxide, carbon monoxide		
Special protective actions for fire-fighters:		Isolate scene by removing all persons from vicinity. No action shall be taken involving any personal risk or without suitable training.		
Special protective equipment for fighters:		Fire-fighters should wear protective equipment, self-contained breathing apparatus (SCBA) full face-piece operated in positive pressure mode.		
Section 6. ACCIDENTAL RELEASE MEASURES		Personal Precautions, Protective Equipment and Emergency Procedures		
Personal precautions:		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.		
Emergency responders:		If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.		
Environmental Precautions:		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).		
Methods and materials for containment and cleaning up spills:		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.		
Section 7. HANDLING AND STORAGE		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 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

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

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

Section 12. ECOLOGICAL INFORMATION

Toxicity:	There is no data available	Mobility in Soil	
Persistence and degradability:	There is no data available	Soil/water partition coefficient:	Not available
Bioaccumulative Potential:	There is no data available	Other adverse effects:	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

Transport in accordance with all federal, state, and local regulations.	Packing group:	Not Applicable
TDG/DOT	Special Provisions:	Not regulated as dangerous goods.
Hazard class:	Special precautions for user:	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.
UN number:		

Section 15. REGULATORY INFORMATION

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

Section 16. OTHER INFORMATION

History	Disclaimer: 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.
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Revised Section(s):	Not applicable
Prepared by:	Express! Solutions, Inc.

End of Safety Data Sheet