

SAFETY DATA SHEET

Klean Strip Paint Brush Restorer

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Revision: 08/10/2018

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Klean Strip Paint Brush Restorer
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113
Phone Number: (901)775-0100
Web site address: www.wmbarr.com
Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892
Intended Use: Clean up of natural and synthetic paint brushes.

2. HAZARDS IDENTIFICATION

Corrosive To Metals, Category 1
Skin Corrosion/Irritation, Category 1A-1C
Serious Eye Damage/Eye Irritation, Category 1
Specific Target Organ Toxicity (single exposure), Category 3



GHS Signal Word: **Danger**

GHS Hazard Phrases: May be corrosive to metals.
Causes severe skin burns and eye damage.
Causes serious eye damage.
May cause respiratory irritation.

GHS Precautionary Phrases: Keep only in original container.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.
Specific treatment see ... on this label.
Wash contaminated clothing before reuse.
Absorb spillage to prevent material damage.

GHS Storage and Disposal Phrases: Store container tightly closed in well-ventilated place.
Store locked up.
Dispose of contents/container according to local, state and federal regulations.

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Potential Health Effects (Acute and Chronic): Hazards not otherwise classified (HNOC) or not covered by GHS -none.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt {Sodium metasilicate (pentahydrate)}	40.0 -60.0 %
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	<10.0 %
68081-81-2	Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	< 1.0 %

4. FIRST AID MEASURES

Emergency and First Aid Procedures: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

In Case of Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In Case of Skin Contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms Of Exposure: The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed: No data available.

5. FIRE FIGHTING MEASURES

Flash Pt: No data.

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary. Further information: No data available.

Flammable Properties and Hazards: Sodium oxides.

Hazardous Combustion Products: No data available.

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6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures:	Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.
Environmental Precautions:	Do not let product enter drains. Prevent further leakage or spillage if safe to do so. Discharge into the environment must be avoided.
Steps To Be Taken In Case Material Is Released Or Spilled:	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.
Precautions To Be Taken in Storing:	Keep container tightly closed in a dry and well-ventilated place. Hygroscopic. Keep in a dry place.
Other Precautions:	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated. Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	ACGIH TLV	CEIL: 2 mg/m3	
		OSHA PELs	PEL: 2 mg/m3	
Respiratory Equipment (Specify Type):	Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).			
Eye Protection:	Face shield and safety glasses.			
Protective Gloves:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Full contact. Material: Nitrile rubber, Minimum layer thickness: 0.11 mm, Break through time: 480 min. If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.			
Other Protective Clothing:	Complete suit protecting against chemicals.			
Engineering Controls (Ventilation etc.):	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.			
Environmental Exposure Controls:	Do not let product enter drains. Prevent further leakage or spillage if safe to do so. Discharge into the environment must be avoided.			

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas	[] Liquid	[X] Solid
Appearance and Odor:	Powder. Color: No data available. Odor Threshold:		
pH:	13.7*		
Melting Point:	No data.		
Boiling Point:	No data.		
Flash Pt:	No data.		
Evaporation Rate:	No data.		
Flammability (solid, gas):	No data available.		
Explosive Limits:	LEL: No data.	UEL: No data.	
Vapor Pressure (vs. Air or mm Hg):	No data.		
Vapor Density (vs. Air = 1):	No data.		
Specific Gravity (Water = 1):	0.9288		
Density:	2.5664 G/CM3		
Solubility in Water:	No data.		
Octanol/Water Partition Coefficient:	No data.		
Percent Volatile:	38.87 % by weight.		
Autoignition Pt:	No data.		
Decomposition Temperature:	No data.		
Viscosity:	No data.		

10. STABILITY AND REACTIVITY

Reactivity:	No data available.
Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	No data available.
Incompatibility - Materials To Avoid:	Strong acids, Lead. Tin/tin oxides, Zinc, Aluminum, Strong oxidizing agents, Organic materials.
Hazardous Decomposition or Byproducts:	No data available. In the event of fire: see section 5.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information:	<p>Acute toxicity.</p> <p>Inhalation. LC50. No data available.</p> <p>Dermal. Germ cell mutagenicity: Ames test.</p> <p>GHS Classification: Genotoxicity in vitro - mouse - S.typhimurium: Host-mediated assay.</p> <p>Result: negative. Mouse. male.</p> <p>Reproductive toxicity. Reproductive toxicity - rat - Oral. Effects on Newborn: Stillbirth.</p> <p>Effects on Newborn: Live birth index (# fetuses per litter; measured after birth). Effects on Newborn: Weaning or lactation index (e.g., # alive at weaning per # alive at day 4).</p> <p>Aspiration hazard: Inhalation:</p> <p>CAS# 6834-92-0:</p> <p>Standard Draize Test, Skin, Species: Guinea pig, 250.0 MG, 24 H, Moderate.</p> <p>Result:</p> <p>Effects on Fertility: Other measures of fertility.</p> <p>- Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 31,481, 1975</p> <p>CAS# 1310-73-2:</p> <p>Standard Draize Test, Skin, Species: Rabbit, 500.0 MG, 24 H, Severe.</p> <p>Result:</p> <p>Blood:Change in clotting factors.</p> <p>Musculoskeletal: Other changes.</p> <p>- "Sbornik Vysledku Toxilogickeho Vysetreni Latek A Pripravku," , Institut Pro Vychovu Vedoucicn P, Marhold, J.V., Institut Pro Vychovu Vedoucicn, Pracovniku Chemickeho, Prumyclu Praha Czechoslovakia, Vol/p/yr: -,7, 1972</p> <p>Standard Draize Test, Eyes, Species: Rabbit, 1.000 %, Severe.</p> <p>Result:</p> <p>Blood:Other hemolysis with or withot anemia.</p> <p>Blood:Other changes.</p> <p>Biochemical: Metabolism (Intermediary): Other proteins.</p> <p>- American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946</p>
Irritation or Corrosion:	<p>Skin corrosion/irritation. Skin: Rabbit.</p> <p>Result: Corrosive.</p> <p>Result: Tumorigenic:Tumors at site or application. Causes severe burns. Serious eye damage/eye irritation: Eyes: Rabbit.</p>
Sensitization:	<p>in vivo assay. Mouse.</p> <p>(OECD Test Guideline 429))</p> <p>Result: Will not occur.</p>
Chronic Toxicological Effects:	<p>Specific target organ toxicity -single exposure: May cause respiratory irritation.</p> <p>Respiratory system.</p> <p>Specific target organ toxicity -repeated exposure: no data available. Specific target organ toxicity -single exposure (Globally Harmonized System) No data available.</p>
Carcinogenicity/Other Information:	<p>IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.</p> <p>ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.</p> <p>NTP: No component of this product present at levels greater than or equal to 0.1% is</p>

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identified as a known or anticipated carcinogen by NTP.
 OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt {Sodium metasilicate (pentahydrate)}	n.a.	n.a.	n.a.	n.a.
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	n.a.	n.a.	n.a.	n.a.
68081-81-2	Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

Results of PBT and vPvB assessment:	No data available. PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
Persistence and Degradability:	No data available. The methods for determining the biological degradability are not applicable to inorganic substances.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
Other adverse effects:	No data available. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:	Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Contaminated packaging:
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14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:	Sodium hydroxide, solid. mixture.
DOT Hazard Class:	8 CORROSIVE
UN/NA Number:	UN1823
Packing Group:	II



AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name:	Sodium hydroxide, solid. mixture.
UN Number:	1823
Hazard Class:	8 - CORROSIVE
Packing Group:	II

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15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt {Sodium metasilicate (pentahydrate)}	No	No	No
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	No	Yes 1000 LB	No
68081-81-2	Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt {Sodium metasilicate (pentahydrate)}	TSCA: Inventory
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	TSCA: Inventory
68081-81-2	Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	TSCA: Inventory

16. OTHER INFORMATION

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Additional Information About This Product: No data available.

Company Policy or

Disclaimer:

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.