

SAFETY DATA SHEET

WHITEWALL TIRE CLEANER

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Supersedes Revision: 07/07/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 101693-GHS-US
Product Name: WHITEWALL TIRE CLEANER
Company Name: Kem Krest
12785 Emerson Dr.
Brighton, MI 48116
Phone Number: (248)486-3800
Emergency Contact: MEDICAL EMERGENCY (888)314-4052
DOT EMERGENCY (800)424-9300
Information: INFORMATION (248)486-3800
Intended Use: Automotive Cleaning or Polishing
Synonyms:

2. HAZARDS IDENTIFICATION

Serious Eye Damage/Eye Irritation, Category 1

Skin Corrosion/Irritation, Category 2

Flammable Liquids, Category 4



GHS Signal Word: Danger

GHS Hazard Phrases: H227: Combustible liquid.
H315: Causes skin irritation.
H318: Causes serious eye damage.

GHS Precaution Phrases: P210: Keep away from {heat/sparks/open flames/hot surfaces}. - No smoking.
P264: Wash thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: P302+352: IF ON SKIN: Wash with plenty of soap and water.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor/physician.
P321: Specific treatment see first aid section on product label.
P332+313: If skin irritation occurs, get medical advice/attention.
P362+364: Take off contaminated clothing and wash it before reuse.

GHS Storage and Disposal Phrases: P403+235: Store in cool/well-ventilated place.
P501: Dispose of contents/container to properly licensed facility or broker.

Potential Health Effects EYES: Can cause severe eye irritation or chemical burns.

(Acute and Chronic):

SKIN: Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

INGESTION: May cause burns, ulceration or, in extreme cases, perforation.

INHALATION: Vapors or mist, in excess of permissible concentrations, or in unusually high concentrations generated from spraying, heating the material or as from exposure in poorly ventilated areas or confined spaces, may cause irritation of the nose and throat, headache, nausea, drowsiness, cough, discomfort or difficulty in breathing.

Medical Conditions Generally Aggravated By Exposure: Because of its irritating properties, repeated skin contact may aggravate an existing dermatitis.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Chemical Name	Concentration	RTECS #	Molecular Formula
7732-18-5	Water	90.0 -92.0 %	ZC0110000	H2O
6834-92-0	Silicic acid (H2SiO3), Disodium salt	2.0 -4.0 %	VV9275000	Na2O3Si
7758-29-4	Sodium phosphate, Tribasic	2.0 -4.0 %	YK4570000	Na5O10P3
127087-87-0	Poly(oxy-1,2-ethanediyl),.alpha.-(4-nonylphenyl)-.omega.-hydroxy-,branched	2.0 -4.0 %	RB2451000	C9H19C6H4(OCH2CH2)9OH
67-63-0	Isopropyl alcohol	2.0 -4.0 %	NT8050000	(CH3)2CHOH

Additional Chemical Information

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

EYES: Flush eye with water for 15 minutes. Get medical attention.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

INHALATION: If inhaled, remove from exposure.

Signs and Symptoms Of Exposure:

EYES: Irritation, redness, and/or burning sensation.

SKIN: Irritation, redness, itching, and/or discomfort.

INHALATION: Irritation, cough, discomfort, drowsiness, or difficulty in breathing.

INGESTION: Irritation, burning sensation, or other discomfort of the mouth, throat and stomach.

5. FIRE FIGHTING MEASURES

Flash Pt: 144.00 F (62.2 C) Method Used: Pensky-Marten Closed Cup

Explosive Limits: LEL: N.D. UEL: N.D.

Autoignition Pt: N.D.

Suitable Extinguishing Media: Dry Chemicals, CO2 or Alcohol Resistant Foam. Water spray may be used to keep containers cool.

Unsuitable Extinguishing Media: Water jet.

Fire Fighting Instructions: As with all fires involving chemicals, responders should wear full bunker gear including a self-contained breathing apparatus. Cool containers to keep them from bursting, and remove from high heat areas if possible. Do not direct a solid stream of water at pools of released liquid that are burning since it may cause spattering of the burning liquid.

Flammable Properties and Hazards: Material contains flammable ingredients which may cause an ignitable mixture with air at or above the flash point of the material.

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6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures:	Use protective equipment as specified in Section 8 of this SDS.
Environmental Precautions:	Prevent product from discharging into sewers, drains, waterways, or the environment.
Steps To Be Taken In Case Material Is Released Or Spilled:	Ventilate the area. Contain and use non-sparking equipment to collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:	Do not get in eyes, on skin or clothing. Avoid prolonged or repeated contact with skin. Use in ventilated area. Do not use on, or near, sources of heat, sparks or open flame.
Precautions To Be Taken in Storing:	Store containers in cool well ventilated area away from sources of heat, sparks, open flame, or direct sunlight. Keep away from incompatible materials including strong acids and oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7732-18-5	Water	No data.	No data.	No data.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No data.	No data.	No data.
7758-29-4	Sodium phosphate, Tribasic	No data.	No data.	No data.
127087-87-0	Poly(oxy-1,2-ethanediyl),.alpha.-(4-non ylphenyl)-.omega.-hydroxy-,branched	No data.	No data.	No data.
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.

Respiratory Equipment (Specify Type):	None expected to be required during normal usage. In extreme conditions where mists, or vapors are generated in high quantities or if used in confined spaces a NIOSH/OSHA approved respirator may be required.
Eye Protection:	Safety glasses, chemical safety goggles. A face shield in conjunction with safety goggles is recommended to prevent eye contact when mists, vapors, or spray are generated.
Protective Gloves:	Rubber, neoprene or other chemical resistant gloves.
Other Protective Clothing:	Sufficient to prevent skin contact.
Engineering Controls (Ventilation etc.):	General ventilation is sufficient for normal usage. If used in a confined space or in such manner as generates excessive mists or vapors, local ventilation may need to be provided to maintain air concentration levels below the OSHA permitted amounts.
Work/Hygienic/Maintenance Practices:	Do not smoke while using. Wash hands after use. Remove clothing if it becomes wetted from liquid and may come in contact with eyes or skin. Launder clothes before reuse. Use good personal hygiene at all times.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Clear blue liquid alcoholic odor.

Melting Point: N.D.

Boiling Point: N.D.

Decomposition Temperature: N.D.

Autoignition Pt: N.D.

Flash Pt: 144.00 F (62.2 C) Method Used: Pensky-Marten Closed Cup

Explosive Limits: LEL: N.D. UEL: N.D.

Specific Gravity (Water = 1): 1.01 - 1.03 at 25.0 C (77.0 F)

Vapor Pressure (vs. Air or mm Hg): NA

Vapor Density (vs. Air = 1): NA

Evaporation Rate: NA

Solubility in Water: complete at 25.0 C (77.0 F)

Viscosity: NA

Octanol/Water Partition Coefficient: Not Avail.

pH: 11.5 - 13.0

Percent Volatile: N.D.

VOC / Volume: < 3.0000 WT%

10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Heat, sparks, open flame

Incompatibility - Materials To Avoid: Strong acids and oxidizing agents.

Hazardous Decomposition or Byproducts: Oxides of carbon

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: None known.

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11. TOXICOLOGICAL INFORMATION

Toxicological Information:	Expected routes of entry include: Eye and skin contact Inhalation
Symptoms related to Toxicological Characteristics:	This product may cause: Eye damage Chemical burns or severe irritation to skin CAS# 6834-92-0: Silicic acid (H ₂ SiO ₃), Disodium salt: Acute toxicity, LD50, Oral, Rat, 1153. MG/KG. Result: Gastrointestinal:Ulceration or bleeding from stomach. Gastrointestinal:Ulceration or bleeding from duodenum. Gastrointestinal:Ulceration or bleeding from small intestine. - Toxicology Letters., Elsevier Science Pub. B.V., POB 211, 1000 AE, Amsterdam 1000 AE Netherlands, Vol/p/yr: 31(Suppl),, 1986 Standard Draize Test, Skin, Species: Rabbit, 250.0 MG, 24 H, Severe. Result: Lungs, Thorax, or Respiration:Other changes. - Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 31,481, 1975 EYES: Irritation, redness, and/or burning sensation. SKIN: Irritation, redness, itching, and/or discomfort. INHALATION: Irritation, cough, discomfort, drowsiness, or difficulty in breathing. INGESTION: Irritation, burning sensation, or other discomfort of the mouth, throat and stomach.
Sensitization:	This product may contain trace amounts of substances known to be skin sensitizers. At the levels of the substance is present, this product is not expected to result in any sensitization in the general population.
Chronic Toxicological Effects:	EYES: Can cause severe eye irritation or chemical burns. SKIN: Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis). INGESTION: May cause burns, ulceration or, in extreme cases, perforation. INHALATION: Vapors or mist, in excess of permissible concentrations, or in unusually high concentrations generated from spraying, heating the material or as from exposure in poorly ventilated areas or confined spaces, may cause irritation of the nose and throat, headache, nausea, drowsiness, cough, discomfort or difficulty in breathing.
Carcinogenicity/Other Information:	This product does not contain any OSHA carcinogens at a level greater than 0.1%.

CAS #	Chemical Name	NTP	IARC	ACGIH	OSHA
7732-18-5	Water	n.a.	n.a.	n.a.	n.a.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	n.a.	n.a.	n.a.	n.a.
7758-29-4	Sodium phosphate, Tribasic	n.a.	n.a.	n.a.	n.a.

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127087-87-0	Poly(oxy-1,2-ethanediyl),.alpha.-(4-nonylphenyl)-.omega.-hydroxy-,branched	n.a.	n.a.	n.a.	n.a.
67-63-0	Isopropyl alcohol	n.a.	3	A4	n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: The exotoxicity of this product as a whole has not been determined. It does contain up to 3% nonylphenyl compounds.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Due to the allowable pH tolerances of this product, this product may have a pH greater than 12.5, and as such be a RCRA characteristic based hazardous waste. It is the duty of the user of this product to determine if this product is hazardous at the time of disposal.

All notification, clean up and disposal should be carried out in accordance with federal, state and local regulations. Preferred methods of waste disposal are incineration or biological treatment in federal/state approved facility.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Corrosive liquid, n.o.s. (Silicic acid (H₂SiO₃), Disodium salt)

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: UN1760

Packing Group: III



LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Corrosive liquid, n.o.s. (sodium metasilicate)

UN Number: 1760

Packing Group: III

Hazard Class: 8 - CORROSIVE

Additional Transport Information: DOT Hazard determination may be reclassified according to 49 CFR 173.154.

Per 49CFR 172.203(k), this product may also ship as: UN1760, Corrosive liquid, n.o.s. (sodium metasilicate), 8, PG III

While this product may contain up to 3% nonylphenyl compounds, it is not considered a Marine Pollutant under 49 CFR 171.8.

The information in Section 14 pertains to the product when shipped via domestic ground transportation in non-bulk containers. If this material is shipped internationally, via other modes of transportation, or in bulk packaging, other regulations may apply.

15. REGULATORY INFORMATION

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

CAS #	Chemical Name	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7732-18-5	Water	No	No	No
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No	No	No
7758-29-4	Sodium phosphate, Tribasic	No	Yes 5000 LB	No
127087-87-0	Poly(oxy-1,2-ethanediyl),.alpha.-(4-nonylphenyl)-.omega.-hydroxy-,branched	No	No	No

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67-63-0 Isopropyl alcohol No No Yes

This material meets the EPA ☒ Yes ☐ No Acute (immediate) Health Hazard
'Hazard Categories' defined ☒ Yes ☐ No Chronic (delayed) Health Hazard
for SARA Title III Sections ☒ Yes ☐ No Fire Hazard
311/312 as indicated: ☐ Yes ☒ No Sudden Release of Pressure Hazard
☐ Yes ☒ No Reactive Hazard

CAS #	Chemical Name	Other US EPA or State Lists
7732-18-5	Water	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
7758-29-4	Sodium phosphate, Tribasic	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
127087-87-0	Poly(oxy-1,2-ethanediyl),.alpha.-(4-nonylphenyl)-.omega.-hydroxy-,branched	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR; CA PROP.65: No
67-63-0	Isopropyl alcohol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No

Regulatory Information: TSCA: All ingredients in this product are listed on the TSCA Inventory or are otherwise exempt.

CA Prop 65: This product can expose you to chemicals including ethylene oxide which is/are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov

Regulatory Information Statement: The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes all risk in use of the material.

16. OTHER INFORMATION

Revision Date: 11/17/2017
Preparer Name: GES 248-486-3800

Additional Information About No data available.

This Product:

Company Policy or Disclaimer: THIS INFORMATION IS FURNISHED WITHOUT WARRANTY, EXPRESSED OR IMPLIED, EXCEPT THAT IS ACCURATE TO THE BEST KNOWLEDGE OF KEM KREST. THE DATA ON THIS SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN. KEM KREST ASSUMES NO LEGAL RESPONSIBILITY FOR USE OR RELIANCE UPON THIS DATA.