

Section 1 - Identification

Product Name: **MAC Trailer Wash & Brightener**

An inorganic acid cleaner.

Revised: 7/18/16

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Section 2 - Hazards Identification

Hazard categories: Skin Corrosion/Irritation 1; Eye Corrosion/Irritation 1; Corrosive to metals 1

Hazard statements: May be corrosive to metals. Causes severe skin burns and serious eye damage.

Signal word: Danger

Pictogram: Corrosion



Precautionary statements

Prevention

Keep only in original container. Do not breath dusts or mists.

Wash hands thoroughly after handling. Wear protective gloves such as latex.

Wear eye protection such as safety glasses with side shields.

Response

IF SWALLOWED: Rinse mouth. Do not induce vomiting.

IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER for medical advice.

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.

Absorb spillage to prevent material damage.

Storage: Store in corrosive resistant container with a resistant inner liner. Store locked up.

Disposal: Dispose of contents in accordance with local, regional, national, and international regulations.

Section 3 - Composition / Information on Ingredients

Ingredient	C.A.S. No.	Concentration
Water	7732-18-5	85%
Phosphoric Acid	7664-38-2	7%
Sulfuric acid	7664-93-9	7%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

Section 4 - First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. Immediately call a POISON CENTER.

Skin Contact: Remove contaminated clothing and shoes immediately. If there is no redness or irritation wash with soap and water. If there is redness or irritation flush skin with running water for several minutes. If irritation persists, get medical attention. Wash contaminated clothing before reuse.

Inhalation: Move affected person to fresh air. If irritation persists get medical attention.

Ingestion: If the product is swallowed, do NOT induce vomiting. If affected person is conscious, give a glass of water or milk to drink. Treat for shock by keeping person warm and quiet. Get medical attention immediately.

Section 5 - Fire-Fighting Measures

Extinguishing Media: Any

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: Contact with reactive metals may form hydrogen gas.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Clean up small spills with a rag or mop. Wash the area with an alkaline detergent or a 50% solution of baking soda. Spills of 4 gallons or less can be washed to a sanitary sewer with plenty of water. Larger spills should be diked to prevent spreading and then collected into clean pails or drums.

Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet and on label. Keep container closed. Store in a cool, well-ventilated area. Remove leaking containers.

Section 7 - Handling and Storage (Continued)

If this product contacts bleach or a cleaner containing bleach, it could produce a dangerous gas (chlorine). If your facility uses bleach, or a cleaner containing bleach, look at the MSDS on the bleach product now, to learn what to do if chlorine is accidentally produced. Your facility should decide upon the appropriate emergency action plan for accidental release of chlorine as a part of your emergency preparedness plan.

Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Phosphoric Acid	7664-38-2	11%	1 mg/m ³ (1,2,3,4)	3 mg/m ³ (2,3,4)	-
Sulfuric acid	7664-93-9	10%	1 mg/m ³ (1,2,4), 0.2 mg/m ³ (3)	3 mg/m ³ (3,4)	-

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous
Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

Ventilation: Good room ventilation. If sprayed, use mechanical exhaust if the exposure limits will be exceeded.

Respiratory Protection: If product is sprayed wear a NIOSH approved respirator with an acid cartridge.

Protective Gloves: Wear Nitrile, rubber or latex gloves. Disposable Nitrile gloves are ok, but not disposable latex.

Eye Protection: Wear safety glasses with side shields, chemical splash goggles and/or face shield as particular use conditions warrant.

Other Protective Equipment: An eye wash station should be located within 10 seconds travel time from where the concentrate is mixed or used.

Section 9 - Physical and Chemical Properties

Appearance and Odor: An opaque liquid with a slight acidic odor.	
Odor Threshold: Not Available	Vapor Pressure: < 1 (1 = water)
pH: concentrate 2.0 ± 1.0	Vapor Density: < 1 (Air = 1)
Melting Point: Not Available	Relative Density (Specific Gravity): 1.07
Freezing Point: Not Available	Solubility(ies): Water: 100%
Boiling Point, Initial: 220° F.	Partition coefficient: Not Available
Boiling Range: Not Available	Auto-ignition Temperature: Not Available
Flash Point: 250° F (ASTM D-56 closed cup)	Decomposition Temperature: Not Available
Evaporation Rate: > 1 (Water = 1)	Viscosity: Same as water.-
Flammability: (solid, gas): Not Applicable	Volatiles Percent: 95%
Upper Explosive Limit: None	V.O.C.: 0% - 0 grams/liter
Lower Explosive Limit: None	

Section 10 - Stability and Reactivity

Incompatibility: Alkalis, bleach, oxidizers, reactive metals. **Hazardous Decomposition Products:** None

Section 11 - Toxicological Information

Primary Routes of Entry: Skin contact; Skin absorption; Inhalation; Ingestion

Potential Health Effects:

Eyes - Concentrate causes severe irritation and moderate damage. Dilutions cause moderate to severe irritation.

Skin - Concentrate causes irritation and redness; possibly damage with prolonged contact. Brief contact has little or no effect when rinsed off promptly. Dilutions cause irritation and redness.

Swallowing - causes irritation and burns to mucous membranes.

Breathing - excessive inhalation of vapors or inhalation of sprayer mist may cause irritation of the nose, throat and respiratory passages.

Section 12 - Ecological Information

Do not dispose of in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Dispose of up to 4 gallons of concentrate in the sanitary sewer with a large amount of water. Some sewage departments may allow you to dispose of larger quantities without neutralizing. Call them for approval. Larger amounts may have to be neutralized to within the pH limits of your waste water treatment system before disposal. Call Damon Industries at 1-800-362-9850 if you need neutralizing instructions.

Section 14 - Transport Information

D.O.T. Hazard Class:

UN 3264, Corrosive Liquid, Acidic, Inorganic, N.O.S. (Contains Phosphoric and Sulfuric Acids), 8, P.G. III

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 313 Supplier Notification: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and CFR 372.

<u>Chemical Name</u>	<u>C.A.S. No.</u>	<u>% By Weight</u>	<u>Lbs./Gallon</u>
Sulfuric acid	7664-93-9	7%	0.7

Section 16 - Other Information

NFPA: H:3 F:0 I:0 **HMIS® III:** H:3 F:0 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 3/4/16. Changed HMIS/NFPA H to 3 from 2.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.