

# Material Safety Data Sheet

Number: **DMN-212**

## Product Name: **Liquid White Side-wall Cleaner**

A liquid alkaline detergent.

Revised: 3/26/01

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24 hour Emergency Only phone: 1-800-535-5053  
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### Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>Carcinogen</u>
Potassium hydroxide	1310-58-3	2 - 10%	No
Sodium Metasilicate	6834-92-0	2 - 10%	No

### Section 3 - Hazards Identification

**Emergency Overview:** Concentrate and 1:10 dilutions are corrosive to all body parts, especially eyes. Milder solutions are irritating. Excessive inhalation of vapors may cause irritation. Product is water based and presents little hazard in a fire. Product has a high pH and large amounts should not be allowed into sewers (sanitary or storm) without neutralizing. A light green liquid with a slight odor.

**Health Hazards:** Corrosive, Irritant

**Physical Hazards:** None

**Primary Routes of Entry:**  Through Skin  Inhalation  Ingestion

#### Potential Health Effects:

**Eyes** - causes eye damage which could be severe or cause blindness without immediate rinsing.

**Skin** - prolonged contact with concentrate and strong solutions can cause skin damage and loss. There is little or no effect if rinsed off thoroughly right away.

**Swallowing** - may result in damage to mucous membranes and gastrointestinal irritation.

**Breathing** - excessive inhalation of mist or spray can cause coughing, asthma-like symptoms and irritation of nose and throat.

### Section 4 - First Aid Measures

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention immediately.

**Skin Contact:** Immediately flush exposed skin with running water for 15 minutes. Remove contaminated clothing and shoes immediately. If irritation persists, get medical attention. Wash contaminated clothing before reuse. If spilled concentrate or solutions are allowed to remain on clothing or in shoes, considerable damage to skin may occur over a period of time without the user being aware of it until after serious damage has been done.

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

**Ingestion:** If the product is swallowed, do NOT induce vomiting. If the affected person is conscious, give a glass of water or milk to drink. Get medical attention immediately.

### Section 5 - Fire-Fighting Measures

**Flash Point:** None

**Lower Explosive Limit:** Not applicable

**Upper Explosive Limit:** Not applicable

**Extinguishing Media:** Any

**Special Fire Fighting Procedures:** None.

**Unusual Fire And Explosion Hazards:** None.

### Section 6 - Accidental Release Measures

**Steps To Be Taken If Material Is Released Or Spilled:** Small spills of a few gallons may be cleaned up with a rag or mop. 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.

Keep from freezing.

## Section 8 - Exposure Controls / Personal Protection

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>TWA(source)</u>	<u>STEL</u>	<u>Ceiling</u>
Potassium hydroxide	1310-58-3	2 - 10%	2 mg/m <sup>3</sup> (2)	-	2 mg/m <sup>3</sup> (3,4)
Sodium Metasilicate	6834-92-0	2 - 10%	no established limits are available		

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous

**Ventilation:** Good room ventilation. Mechanical ventilation is normally not required.

**Respiratory Protection:** None when used as directed on tires. If trigger sprayer mist is a problem use a nuisance-dust mask to stop airborne droplets from being inhaled. Other uses may require the use a NIOSH approved respirator with an organic vapor cartridge to avoid inhaling mist. Do not use in enclosed or poorly ventilated areas.

**Gloves:** Use neoprene or latex gloves. Do not use disposable latex gloves. Disposable Nitrile gloves are okay.

**Eye Protection:** Safety glasses with side shields as a minimum or chemical splash goggles if considerable mist or spray is generated.

**Other Protective Equipment:** An ANSI compliant eyewash station and safety shower should be located within 10 seconds travel time of use areas. If spray or splashes may contact the body, clothing or shoes, the need for aprons, boots and impervious clothing should be evaluated and they should be used if necessary.

## Section 9 - Physical and Chemical Properties

**Boiling Point:** 212° F.

**Specific Gravity:** 1.1

**Percent Volatiles:** 88%

**Solubility In Water:** Complete

**Appearance and Odor:** Light green liquid with slight odor.

**Vapor Pressure:** Not Available

**Vapor Density:** Not Available

**Evaporation Rate:** Same as water.

**pH:** concentrate 13.5 ± 0.5

## Section 10 - Stability and Reactivity

**Incompatibility:** None

**Hazardous Decomposition Products:** None

## Section 11 - Toxicological Information

**Target Organs:** None.

## Section 12 - Ecological Information

When scrubbing outdoors or where run-off will enter a storm sewer, rinse thoroughly with plenty of water to dilute and reduce the pH of the run-off. The small amount used on a few cars is not a problem, but do not use more product than necessary. Large amounts should not be released into storm sewers or the environment. Be sure to comply with any applicable regulations.

## Section 13 - Disposal Considerations

**Waste Disposal Method:** Dispose of up to 2 gallons of concentrate in the sanitary sewer with a large amount of water. Larger amounts must be neutralized to within the pH limits of your waste water treatment system.

## Section 14 - Transport Information

**D.O.T. Hazard Class:** Not considered hazardous by D.O.T., I.M.C.O., I.A.T.A. or U.N.

## Section 15 - Regulatory Information

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

## Section 16 - Other Information

<b>NFPA / HMIS Estimates:</b>	<b>Health: 2</b>	<b>Flammability: 0</b>	<b>Reactivity: 0</b>
0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe			

Replaces sheet dated 2/9/90. Converted to ANSI format.

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.