



Release™

Effective Date: 03/30/94

Supersedes: 01/28/93

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Section 1. Chemical Product & Company Identification

Product Name: **Release™** Product Number: 2713
Product Description: Liquid Alkaline Detergent Mixture.

Manufacturer: Cleaning Systems, Inc.
P.O. Box 11765
Green Bay, WI 54307-1765
(414) 337-2175

Section 2. Composition/Information on Ingredients

<u>Hazardous Ingredients</u>	<u>Effect</u>	<u>CAS #</u>	<u>Percent</u>
Proprietary Surfactant Blend	Eye Irritant	Not Applicable	< 5.0
Sodium Metasilicate	Corrosive to Eyes	6834-92-0	< 2.0

<u>Hazardous Ingredients</u>	<u>Exposure Limits of Ingredients</u>	
	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Surfactant Blend	Not Established	Not Established
Sodium Metasilicate	Not Established	Not Established

Section 3. Hazards Identification

***** Emergency Overview *****

Irritating to eyes. Inhalation of mists may be irritating to throat and respiratory tract. Repeated contact with skin can remove natural oils and cause dryness and irritation.

Section 4. First Aid Measures

Eyes: Flush with clear water for at least 15 minutes.
Get immediate medical attention.

Skin: Rinse well with water. Remove contaminated clothing.

Ingestion: Give water if conscious. Do not induce vomiting, although vomiting may occur naturally. Get immediate medical attention.

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

Section 5. Fire Fighting Measures

Flammable Properties: Flash Point: None
Method Used: Not Applicable

Product will not burn. No known hazardous decomposition products.

Unusual Fire & Explosion Hazards: None Known.

Firefighting Procedures: Appropriate for surrounding materials.

Section 6. Accidental Release Measures

Spills and Leaks: Small spills - Rinse to drain.
Large spills - Contain for reclamation or disposal.

Caution: Spills of this material may cause floor to become slippery.

Section 7. Handling & Storage

Store in original container at temperatures below 120°F.
Product is best when used within 6 months of date of purchase.

Section 8. Exposure Controls / Personal Protection

Eyes: Wear Chemical Goggles

Skin: Neoprene Gloves. Rubber Apron if greater exposure is likely.

Respiratory: Good General Ventilation. Respirator not normally required.

Section 9. Physical & Chemical Properties

Appearance & Odor: Clear, colorless liquid with mild odor.

Solubility in Water: Complete.

Freezing Point: Near Water.

% Volatiles (w/w): >75, mostly water.

Specific Gravity: 1.02 g/ml

pH full strength: 13.0

Section 10. Stability & Reactivity

Stability: This is a stable material.

Conditions to Avoid: None known.

Materials to Avoid: None known.

Hazardous Polymerization will NOT occur.

Section 11. Toxicological Information

No data available on this mixture. For information on ingredients, write to the address listed in Section 1 of this MSDS.

Section 12. Ecological Information

No data available on this mixture. All surfactant components are biodegradable. This product contains Phosphates.

Section 13. Disposal Considerations

Follow all Federal, State, and Local Regulations appropriate for this material.
Neutralize pH with dilute acid before disposal.

Section 14. Transportation Information

D.O.T. Hazardous Material Class: Not a D.O.T. hazardous Material.
UN Number: Not Applicable. NA Number: Not Applicable.

Section 15. Regulatory Information

This material is not SARA Title III reportable.

Section 16. Other Information

Hazard Ratings provided for use by trained individuals only.

HMIS Ratings (0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe Hazard)
For Concentrate: Health 2, Flammability 0, Reactivity 0.

NFPA Ratings (0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe Hazard)
For Concentrate: Health 2, Flammability 0, Reactivity 0.
Dilutions over 1:20: Health 1, Flammability 0, Reactivity 0.

The information relates to this specific material. It may not be valid for this material if used in combination with any other materials or in any process.

CSI (Cleaning Systems, Incorporated) makes no warranty, express or implied, as to the accuracy or completeness or adequacy of information herein, except that such information is to the best of CSI's belief, accurate as of the date indicated. CSI assumes no responsibility for injury from the use of the product described herein.

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