

Material Safety Data Sheet

ProGuard Blitz Kleen

Section 1. Chemical Product and Company Information

Trade Name: ProGuard Blitz Kleen
Product Type: Alkaline Cleaning Solution
Supplier: Lyden Oil Company
3711 LeHarps Drive
Youngstown, OH. 44515
1-800-362-9410.
1-330-792-1100

Date Revised: June 26, 2009

Emergency Phone: 1-800-424-9300 (Chemtrec)

Section 2. Composition, Information about Formulation Ingredients

<u>CAS Number:</u>	<u>Name:</u>	<u>% (optional)</u>	<u>UNITS (TLV)</u>	<u>Sara 313 Reportable</u>
6834-92-0	Sodium Metasilicate		2 mg/3	
64-02-8	EDTA		NE	
111-76-2	2-Butoxyethanol	<5	25 ppm Skin	Yes
	Other ingredients are proprietary			

Section 3. Hazardous Identification

Emergency Notification: Contains a blend of alkaline builder, solvents and surfactants.

Product Overview Eye & Skin Irritant! Harmful if swallowed or if gotten in the eyes.

Potential Health Effects

Eyes: Product will cause severe damage if not treated immediately.
Skin: Will cause a dryness or rash by removing oils from skin.
Inhalation: Concentrated product mists are irritating to the respiratory system and will cause nausea.
Ingestion: Product may cause nausea or dizziness. May harm internal organs.

Section 4. First Aid Procedures

Eyes: Flush eyes immediately with cool running water. Remove contact lenses immediately and continue flushing for another 10-15 minutes. Get medical attention immediately!

Skin: Flush area with plenty of cool soapy water for 10-15 minutes. Remove affected clothing and wash area under affected clothing for 10-15 minutes. Wash clothing articles before reuse.
Contact a physician if any irritation persists or sores appear.

Inhalation: Remove person to fresh air immediately. If not breathing administer CPR. If breathing is difficult give oxygen and get medical attention.

Ingestion: Rinse the mouth, then drink 1-2 large glasses of water. Do not induce vomiting.
Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5: Fire Fighting Procedures

Special Hazards Notification: Treat area for surrounding fire. Will not burn.

Fire Fighting Media: Water, Foam, dry chemicals or CO2. (Carbon dioxide can displace air in confined areas)

Instructions: Dike area of fire to contain and prevent product run off.

Special Equipment Needed: Fire fighters should wear chemical resistant equipment in case of spill and a self contained breathing apparatus with face shield in case of product spatter.

Section 6: Accidental Release Measures

Personal Precautions: Wear chemical resistant gloves, splash proof eye wear and protective clothing before attempting to move contaminated containers. Stop leak if no risk is involved.
Dike spills and prevent the product from entering sewers, basements or confined areas.

Environmental Precaution: Prevent this product from entering natural waterways or the ground.

Clean Up Procedures: Recover material and place into sealable steel or heavy duty plastic containers. Rinse area with large quantities of water and flush to a sanitary sewer system. Comply with local, state and federal regulations for reporting spills. (See also Section 13).

Section 7: Handling and Storage

Handling: Do not get product in the eyes or mouth. Keep container sealed when not in use. Avoid breathing strong product mists. Wear chemical resistant gloves, eye protection when handling contaminated containers.

Storage: Keep container lids closed when not in use. Keep out of the reach of children. Store in room temperature and out of direct sunlight. Open lids slowly to release pressure. Best if used within 2 years of manufacture date. Consult with your representative should product be beyond the manufacture date.
Only store in factory container.

Section 8. Personal Protection

Personal Protection:

Eyes: Use splash proof goggles or glasses. In case of areas where product may splash or drip use a full face mask.

Skin: Use chemical resistant gloves for the hands, and use a synthetic apron to prevent further skin contact from splashing.

Respiratory: None normally required. In case of strong product mists or using in confined spaces select and use an OSHA approved breathing apparatus for product mists.

Ventilation: Local exhaust.

Other: Make sure eye wash and shower station is near by the area in case of emergency.

Section 9. Physical and Chemical Properties

Product State: Liquid

Color: Purple

Odor: Light Citrus

pH: 12.5

Boiling Point: NE

VOC's % by wgt: <6

Phosphorous % by wgt: 0

Flash Point °F: >200 F

Solubility in Water: Complete

Specific Gravity: 1.00-1.01

Section 10. Stability and Reactivity

Stability: This product is stable

Reactivity: Strong Oxidizers.

Compatibility: Product is not compatible with acids, oxidizing agents, peroxides or bleach.

Conditions to avoid: Do not allow to dry on glass surfaces.

Haz. Decomposition: Carbon dioxide.

Section 11. Toxicological Information

Overexposure Effects:

Skin: Dryness or rash.

Eyes: Will cause severe irritation and possible damage.

Inhalation: Mists may be harmful to the respiratory system and will cause dizziness or nausea.

Ingestion: Harmful to mucous membranes. Harmful if swallowed.

Carcinogenicity: Ingredients used are not known to be carcinogenic.

Other Studies: There is no other data available and no other studies have been performed on this product.

Section 12. Ecological Information

No Ecological Information is available on this product. However large spills are or maybe toxic or harmful to aquatic life.

All detergents used are readily biodegradable (no phenols). Contains no phosphates.

Section 13. Disposal Considerations

Follow your local, state or federal regulations (contact DEQ) for proper disposal of chemicals. Small amounts of this "clean" solution may be flushed with decent amounts of water to a sanitary sewer system.

Section 14. Transportation Information

Regulatory Information	UN Number	Shipping Name	Hazard Class	Packing Group ERG	Additional Information
DOT		Non Regulated Material			<u>Limited Quantity:</u> No <u>Special Provisions:</u> N/A

Section 15. Regulatory Information

HCS Classification: Non Regulated

U.S. Federal Regulations: Non Regulated

TSCA 8 (b): All materials are listed or exempt

California Prop 65 None listed

Hazardous Material:

Information System: USA

Health:		1
Fire Hazard:		0
Reactivity:		0
Personal Protection:		B

Section 16. Other Information
<p><u>Disclaimer:</u></p> <p>Information presented herein has been compiled from sources considered to be accurate and reliable, but is not guaranteed to be so. Since conditions of use are beyond our control we make no warranties, expressed or implied.</p>