

ROYAL SOAP & CHEMICAL CO., INC.

16057 FOOTHILL BLVD.

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MATERIAL SAFETY DATA SHEET

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Product Name: LOYAL™ WIPE OFF with Enzymes

Product Code: 8093-8095

Chemical or Common Name: HARD SURFACE CLEANER

Date Issued:08/01/01

Prepared By: JEFFERY ADLER

Supercedes:10/21/99

1. Hazardous Information

Chemical Name	Cas Numbers	Weight %	Exposure Information
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These materials marked with an * are subject to the reporting requirements under the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, Section 313 and CFR Part 372

2. Physical Data

Solubility in Water: Complete

Specific Gravity (Water = 1): 1.14

Melting or Freezing Point: ND

Boiling Point: ND

Vapor Density (air = 1): ND

Viscosity:ND

Percent Volatile (By Wt): ND

pH: 8.1 ± .5

Appearance-Odor: Green liquid with a minty odor.

Vapor Pressure (MM HG): ND

Evaporation Rate (BU AC = 1): ND

3. Fire and Explosion Data

Flash Point: ND

Auto ignition Temp: ND

Lower Explosion Limit: ND

Extinguishing Media Foam **X** CO2 **X** Dry Chemical **X** water Fog **X** Other

Special Fire Fighting Procedures: Wet Material is slippery. Avoid contact with material. Firefighters should wear a self contained breathing apparatus.

Unusual Fire & Explosion Hazards: None noted.

4. Health Data

Recommended Health Guide TWA (Maximum Time Weighted Average Concentration For An 8 Hour Work Period). **ND**

Effects of Overexposure: SKIN: Possible skin rash. EYE: Mild irritation. INGESTION: Upset stomach.

Emergency and First Aid Procedures

Inhalation: NA **Eye & Skin Contact:** Flush eyes with water for 15 minutes. If irritation persists, consult a physician. Wash skin thoroughly. If irritation persists, consult a physician.**Ingestion:** Do not induce vomiting. Drink large quantities of water or milk. Call a physician immediately.

5. Reactivity Data

Stability: STABLE

Conditions To Avoid: NONE NOTED

Hazardous Decomposition Products: none known.

Hazardous Polymerization: WILL NOT OCCUR

Conditions To Avoid: NONE NOTED

Incompatibility (Materials To Avoid): None known.

6. Spill or Leak Procedure

Steps to be taken if material is released or spilled: Floor may be slippery. No other hazards known.

Waste Disposal Information: Material should be scooped up and placed in acceptable waste receptacle. Dispose of all waste in accordance with Federal, State and Local regulations.

7. Special Protection Information

Respiratory Protection (Specify Type): NA.

Ventilation: Normal room ventilation should be adequate.

Protective Gloves: NA

Eye Protection: NA.

Other Protective Information: None required.

8. Special Precautions

Precautionary Labeling: Keep out of the reach of children. Avoid eye contact. Wash hands after using material.

Other Handling And Storage Conditions: Store in a cool dry area. Always keep cover on when not in use.

9. Additional Information

Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they are full.

10. Health Hazard Rating

0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme
Health 1 Fire 0 Reactivity 0 Special 0

NA- Not Applicable **ND-** Not Determined

All information, recommendations and suggestions appearing herein concerning this product are based upon data obtained from manufacturer and or recognized technical sources; however, Royal Soap & Chemical Co., Inc. makes no warranty, representation or guaranty as to the accuracy, sufficiency or completeness of the material set forth herein.