



MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT INFORMATION

Universal Consumer Brands Inc. 1111 Davis Drive, #1-454, Newmarket, Ontario. L3Y-9E5

(203) 289-1022 or Fax (203) 289-1023 Contact Telephone

Product Name: **Duz Liquid Dish Detergent- Green Apple**

Household/Commercial Application

SECTION II: INGREDIENTS IDENTITY INFORMATION **HAZARDOUS INFORMATION:**

Ingredients	Percentage%	CAS#
Sodium Dodecylbenzene Sulfonate	0.050- 10.00	68584-22-5
Sodium Lauryl Ether Sulfate	1.00- 10.00	9004-82-4
Cocamidopropyl Betaine	0.050- 5.00	61789-40-0

All remaining ingredients in this composition is < 0.5% is not considered hazardous To your health if properly used.

SECTION III: PHYSICAL AND CHEMICALS DATA

This data provided is not represented specification values. Only use for Material Safety **Data Information**

PHYSICAL STATE Mixture of Liquid $\approx 212^{0} \, \text{F} / \, 100^{0} \, \text{C}$ **BOILING POINT** SPECIFIC GRAVITY (H2O=1) ≈ 1.04 to 1.08 **SOLUBILITY** Soluble in Water

< 20 % CONCENTRATION

APPEARANCE AND ODOR Clear Green liquid, pleasant apple odor

9.0-11.0 pН

 $\approx 0^{\,0}\,\text{C} = 32^{\,0}\,\text{F}$ Freezing Point

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point: None Flammable Limits: Not Applicable

Special Firefighting Procedure: Not Applicable



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SECTION V REACTIVITY DATA

Stable under normal use and storage conditions.

INCOMPATIBILITIES: Strong Oxidizers and reducing agents

DECOMPOSITION: Thermal decomposition products may include toxic oxides of

sulfur and carbon, hydrogen sulfide.

POLYMERIZATION Will not Occur

SECTION VI HEALTH HAZARD DATA

SIGNS AND SYMPTOMS OF EXPOSURE:

Eyes: Irritation, redness.

Dermal: Irritation.
Inhalation: None known.

Ingestion: Nausea, cramps, vomiting.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush with large amounts of water for 15 minutes.

Dermal: Wash with soap and water.

Inhalation: Remove victim to fresh air and get medical

attention.

Ingestion: Do not give anything by mouth to unconscious

person.

Get medical attention.

Acute Health Hazards: Irritation of eyes.

Chronic Health Hazards: None expected on industrial level.

SECTION VII Precaution for safe Handling and Use

No special protection or precautions have given identified for using this product under directed consumer use conditions. The following recommendations are given for production facilities and other conditions and situations where there is increased potential for accidental, large scale or prolong exposure.

Avoid contact with eyes, skin and clothing. Wash hands after direct contact. Do not wear product contaminated clothing for prolonged periods.

Control to minimize exposure to vapor or mist.

Wear safety glasses, rubber gloves if contact liquid, especially for prolonged periods



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Waste Disposal Method

Control Spill. Containerize liquid and use absorbents on residual liquid: dispose appropriately. Breathing protection must be worn in poorly ventilated area.

Disposal material needs to comply with local and federal authority.

Precaution to be taken in Handling and Storage

Store bulk quantities in a cool, well –ventilated area and avoid any other source of oxidizing agents.

SECTION VIII CONTROL MEASURES

For spills, wear rubber or plastic gloves, safety glasses and protective clothing for bulk quantities. Can be slippery.