

SAFETY DATA SHEET**Mop & Shine****SECTION 1. IDENTIFICATION**

Product Name: DG Home Mop & Shine
Applicable Product Code(s): 32 fl. oz., (551159); UPC: 072785-116139
CAS #: Mixture
Product Type: Finished Product – Consumer (Retail) Use Only.
Recommended Use: Floor Polish/Waxes
Restrictions for Use: Use only as directed on label.

Manufacturer Name: RGA Enterprises, Inc.
Manufacturer Address: 4001 Performance Road
Charlotte, NC 28214

RGA Telephone Number: (704) 398-0487 (8:00 A.M. to 5:00 P.M. EST, Monday through Friday) or <http://rgaenterprises.com>
or
National Poison Control Center: (800)-222-1222
or
Local Poison Control Center or your physician.

SECTION 2. HARZARDS IDENTIFICATION. See Section 11 for additional information

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:

Eye Damage / Irritation Category 2B
Skin Damage/Irritation Category 2
Signal Word WARNING
Hazard Statements Causes eye irritation.
Causes skin irritation

Hazard pictograms



**Precautionary Statements-
Prevention** Wash hands thoroughly after handling

**Precautionary Statements -
Response** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash skin with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse

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SWALLOWED: Drink 1 or 2 glasses of water. DO NOT induce vomiting. Contact physician or poison control center immediately.

Potential short term health effects:

Routes of exposure Eye, Skin contact, Inhalation, Ingestion.
Eye: None expected during normal conditions of use.
 May cause eye irritation upon direct contact with the eyes.
Skin: None expected during normal conditions of use.
 Not expected to be a skin irritant.
Inhalation: None expected during normal conditions of use.
Ingestion: Health injuries are not expected during normal conditions

Physical appearance: Opaque white oil in water emulsion with characteristic grapefruit odor.

Precautionary Statements-Storage None

Precautionary Statements - Disposal: None

Hazardous not otherwise classified (HNOC) None

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Chemical Name	Synonyms	Trade Secret	CAS-No	Weight %
Diethylene Glycol Ethyl Ether	-	No	111-90-0	< 2.0
Styrene-acrylic copolymer	-	Yes		2.0 to 10
2-Butoxyethanol	-	No	111-76-2	0.5 to 1.5

SECTION 4. FIRST AID MEASURES**First aid measures for different exposure routes:**

Eye contact: Rinse with plenty of water. Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately if irritation persists.

Skin contact: Wash exposed areas with water and mild soap. Remove contaminated clothing promptly and launder before reuse. Seek immediate attention if irritation persists.

Inhalation: Remove victim to fresh air. Seek medical attention if breathing is affected. Administer oxygen or artificial respiration if breathing is stopped and seek immediate medical attention.

Ingestion: Drink 1 to 2 glasses of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately if symptoms occur.

Most Important symptoms/effects: None under normal conditions.

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Acute and delayed.

Indication of immediate medical attention and special treatment, if necessary:

Notes to Physician: Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, CO₂, alcohol-resistant foam, or water

Unsuitable Extinguishing Media: None.

Special hazard: None known.

Special protective equipment for Fire-fighters As in any fire, wear self-contained breathing apparatus pressure demand. MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific hazards arising from the chemical None

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Personal precautions: Isolate release area and keep unnecessary people away. Use personal protective equipment. Do not get in eyes, on skin, or on clothing.

Advice to emergency responders: Use personal protective equipment as required.

Methods and materials for containment and cleaning up:

Methods of Containment: Adsorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Advice on safe handling: Use personal protective equipment as required. Keep container closed when not in use. Never return spills to original containers for re-use. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities:

Storage Conditions: Vent container carefully before opening. Keep containers tightly closed in a dry, cool and well-ventilated place. Wash thoroughly after handling.

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Incompatible products: None known.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters:**

Exposure Guidelines: No exposure limits noted for ingredients(s)

Exposure controls:**Engineering Measures:****Distribution, Workplace and Household Settings:**

Ensure adequate Ventilation.

Production Manufacturing Plant (needed as Product-Producing Plant ONLY):

Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment:**Eye Protection:****Distribution, Workplace and Household Settings:**

No special protective equipment required.

Production Manufacturing Plant (needed as Product-Producing Plant ONLY):

Use appropriate eye protection.

Hand Protection:**Distribution, Workplace and Household Settings:**

No special protective equipment required.

Production Manufacturing Plant (needed as Product-Producing Plant ONLY):

Protective gloves.

Skin and Body Protection:**Distribution, Workplace and Household Settings:**

No special protective equipment required.

Production Manufacturing Plant (needed as Product-Producing Plant ONLY):

Wear suitable protective clothing.

Respiratory Protection:**Distribution, Workplace and Household Settings:**

No special protective equipment required.

Production Manufacturing Plant (needed as Product-Producing Plant ONLY):

In case of insufficient ventilation wear suitable respiratory equipment.

Component Name	CAS #	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol	111-76-2	TWA: 20 ppm	(Vacated) TWA: 25 ppm (Vacated) TWA: 120 mg/m ³ Skin TWA: 50 ppm TWA: 240 mg/m ³	IDLH: 700 ppm TWA: 5 ppm. TWA: 24 mg/m ³

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @ 20°C:

liquid

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Appearance: white opaque oil-in-water emulsion
Odor: grapefruit with minor ammonia note.
Odor threshold: no information available

PropertyValues

pH Value 5.5 to 7.5
Melting/freezing point: 30° F.
Boiling point/boiling range: No information available
Boiling point/boiling range: 212° F.
Flash point: Not applicable
Evaporation rate: No information available
Flammability (solid, gas): No information available
Flammability Limits in Air: No information available
 Upper flammability limit: No information available
 Lower flammability limit: No information available
Vapor pressure: No information available
Vapor density: No information available
Relative density: 1.015
Water solubility: Complete
Solubility in other solvents: No information available
Partition coefficient: n-octanol/water: No information available
Auto ignition temperature: No information available
Decomposition temperature: No information available
Viscosity of Product: Water thin liquid

VOC Content (%): Product comply with US state and federal regulations for VOC content in consumer products.

SECTION 10. STABILITY AND REACTIVITY

Reactivity: None under normal use conditions
Stability: Stable under normal conditions.
Hazardous polymerization: Hazardous polymerization does not occur.
Conditions to Avoid: None under normal conditions. Avoid extremely high temperatures
Materials to Avoid: None in particular.
Hazardous Decomposition Products: None in particular.

SECTION 11. TOXICOLOGICAL INFORMATIONProduct Information:Information on likely routes of exposure.

Inhalation: None expected during normal conditions of use.
Skin contact: None expected during normal conditions of use.
Ingestion: Expected to be a low ingestion hazard
Eye contact: Cause eye irritation.

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Acute toxicity	No known effect.
Skin corrosion/irritation	No known effect.
Serious eye damage/eye irritation	Causes eye irritation.
Skin sensitization	No known effect.
Respiratory sensitization	No known effect.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Neurological Effects	No known effect.
Reproductive toxicity	This product is not expected to cause reproductive effects.
Developmental toxicity	This product is not expected to cause developmental effects.
Teratogenicity	No known effect.
STOT – single exposure	No known effect.
STOT – repeated exposure	No known effect.
Target Organ Effects	No known effect.
Aspiration hazard	No known effect.
Carcinogenicity	Contains no ingredient listed as a carcinogen.

Component Information:

Chemical Name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
Diethylene Glycol Ethyl Ether	111-90-0	10,502 mg/kg (rat)	9,143 mg/kg (rabbit)	➤ 200 mg/L (rat)
2-Butoxyethanol	111-76-2	40 mg/kg (Rat)	220 mg/kg (rabbit)	450 ppm (Rat); 4 hr.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity:**

This product is not expected to be hazardous to the environment.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

Other adverse effects: No information available.

SECTION 13. DISPOSAL CONSIDERATIONS**Waste Treatment:**

Waste from Residues / Unused Products

Disposal should be in accordance with applicable regional, national, and local regulations.

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Contaminated packaging:	Disposal should be in accordance with applicable regional, national, and local regulations.
California Hazardous Waste Codes (non-household setting)	331
Household Use:	Household product is safe for disposal down the drain during detergent use or in the trash. Dispose of empty bottle in the trash or recycle where facilities exist.

SECTION 14. TRANSPORT INFORMATION

Product covered by this SDS, in its original form, is not regulated for transportation.

Ground Transport (US DOT):	Not regulated
IMDG:	Not regulated
Air Transport (IATA):	Not regulated

SECTION 15. REGULATORY INFORMATION**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations Part 372.

SARA 311/312 Hazardous Categorization:

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactivity Hazard	No

CERCLA

This material as supplied contains no substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	CAS-No	Hazardous Substances RQ s	Extremely Hazardous Substances RQs	CERCLA / CIRA 302 TPQ
2-Butoxyethanol	111-76-2	5000 lbs.		

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC's per the Clean Air Act.

Chemical Name	CAS-No.	CAA (Clean Air Act) – 1990 Hazardous Air Pollutants)
NONE		

Clean Water Act

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This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 112.42)

Chemical Name	CAS-No.	CWA – Reportable Quantities	CWA – Toxic Pollutants	CWA-Priority Pollutants	CWA – Hazardous Substances
NONE					

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

U.S. State Regulations (Right-to-know):

Ingredient	CAS#	Max. Percent	CA RTK	CT RTK	FK RTK	IL RTK	LA RTK	MA RTK	MI RTK	NJ RTK	PA RTK	RI RTK
NONE												

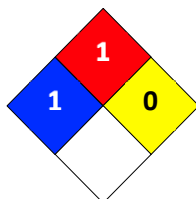
International Inventories:

United States: All intentionally-added components of this product are listed on the U/s TSCA Inventory.

Perfumes contained within the products covered by this SDS comply with appropriate IFRA guidance.

SECTION 16. OTHER INFORMATION**Other Information:**

NFPA



HMIS

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by RGA Enterprises, Inc. to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. RGA Enterprises, Inc. assumed no responsibility for injury to the recipient or third person or for any damage to any property resulting from misuse of the product.