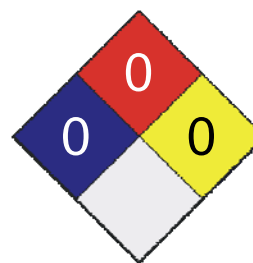


1. Product and Company Identification

Product Name MOP & GLO® - Triple Action Floor Shine
UPC CODES Refer to Section 16
CAS # Mixture
Product use Floor Cleaner
Manufacturer Reckitt Benckiser
 Morris Corporate Center IV
 399 Interpace Parkway
 P.O. Box 225
 Parsippany, NJ 07054-0225
 In Case of Emergency: 1-800-228-4722
 Transportation Emergencies: 24 Hour Number:
 North America: CHEMTREC: 1-800-424-9300
 Outside North America: 1-703-527-3887

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 0
Flammability	0
Physical Hazard	0
Personal Protection	A



2. Hazards Identification

Emergency overview There is no known adverse effect from exposure to the recommended use of this product.

 KEEP OUT OF REACH OF CHILDREN.

Potential short term health effects
Routes of exposure Eye, Skin contact, Inhalation, Ingestion.
Eyes 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 sensitizer.
Inhalation None expected during normal conditions of use.
Ingestion Health injuries are not known or expected under normal use.
Target organs Eyes.
Chronic effects The finished product is not expected to have chronic health effects.
Signs and symptoms Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Ethanol, 2-(2-methoxyethoxy)-	111-77-3	0.5 - 1.5

4. First Aid Measures

First aid procedures
Eye contact Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a physician.
Skin contact Wash hands after handling. If skin irritation persists, call a physician.
Inhalation Move to fresh air.

Ingestion	Rinse mouth with water. Contact a physician or Poison Control Center. Take label or product name number with you when seeking medical attention.
Notes to physician	Treat patient symptomatically.
General advice	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties	Not flammable by OSHA criteria.
Extinguishing media	
Suitable extinguishing media	Treat for surrounding material.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	May include and are not limited to: Oxides of carbon.
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Small spillages of up to 1 litre (0.26 gallon) may be cleaned up with a mop or an absorbant cloth. Medium spills of up to 5 litres (1.32 gallons) should be absorbed with sand, earth, sawdust or other inert material and transferred to a suitable container for disposal. Large amounts: Product should contained and collected for disposal according to local, state or federal regulations.

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material. When using do not eat or drink.
Storage	Keep out of reach of children. Do not freeze. Store in a closed container away from incompatible materials. Never pour unused material back into the original container.

8. Exposure Controls / Personal Protection

Exposure limits	
Ingredient(s)	Exposure Limits
Ethanol, 2-(2-methoxyethoxy)-	ACGIH-TLV Not established OSHA-PEL Not established
Engineering controls	General ventilation normally adequate.
Personal protective equipment	
Eye / face protection	Wear safety glasses with side shields. Emergency responders should wear full eye and face protection.
Hand protection	PVC disposable gloves.

Skin and body protection	Usual safety precautions while handling the product will provide adequate protection against this potential effect.
Respiratory protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of vapours generated by this product during a spill or other clean-up operations.
General hygiene considerations	Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance	Liquid.
Color	Not available
Form	aqueous solution
Odor	Not available
Odor threshold	Not available
Physical state	Liquid
pH	8.0 - 9.0
Freezing point	Not available
Pour point	Not available
Boiling point	Not available
Flash point	> 199.94 °F (> 93.3 °C)
Evaporation rate	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	Not available
Octanol/water coefficient	Not available
Auto-ignition temperature	Not available

10. Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Ammonia. Do not mix with bleach or any other chemical.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Ethanol, 2-(2-methoxyethoxy)-	50000 mg/m3 rat

Component analysis - Oral LD50

Ingredient(s)	LD50
Ethanol, 2-(2-methoxyethoxy)-	4140 mg/kg rat

Effects of acute exposure

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 sensitizer.
Inhalation	None expected during normal conditions of use.
Ingestion	Health injuries are not known or expected under normal use.

Sensitization	The finished product is not expected to have chronic health effects.
Chronic effects	The finished product is not expected to have chronic health effects.
Carcinogenicity	The finished product is not expected to have chronic health effects.
Mutagenicity	The finished product is not expected to have chronic health effects.
Reproductive effects	The finished product is not expected to have chronic health effects.
Teratogenicity	The finished product is not expected to have chronic health effects.
Synergistic Materials	Not available

12. Ecological Information

Ecotoxicity	See below	
Ecotoxicity - Freshwater Algae Data		
Ethanol, 2-(2-methoxyethoxy)-	111-77-3	72 Hr EC50 Desmodesmus subspicatus: >500 mg/L
Ecotoxicity - Freshwater Fish Species Data		
Ethanol, 2-(2-methoxyethoxy)-	111-77-3	96 Hr LC50 Lepomis macrochirus: 7500 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 7500 mg/L; 96 Hr LC50 Pimephales promelas: 5741 mg/L
Ecotoxicity - Microtox Data		
Ethanol, 2-(2-methoxyethoxy)-	111-77-3	17 Hr EC50 Pseudomonas putida: >10000 mg/L
Ecotoxicity - Water Flea Data		
Ethanol, 2-(2-methoxyethoxy)-	111-77-3	48 Hr EC50 Daphnia magna: >500 mg/L
Environmental effects	Not available	
Aquatic toxicity	Not available	
Persistence / degradability	Not available	
Bioaccumulation / accumulation	Not available	
Partition coefficient	Not available	
Mobility in environmental media	Not available	
Chemical fate information	Not available	

13. Disposal Considerations

Waste codes	Not available
Disposal instructions	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

UN/ID N.o.	Not applicable
U.S. Department of Transportation (DOT): Classification: Not regulated	
Proper shipping name	Not applicable
U.S. DOT Hazard Class	Not applicable
Subsidiary Risk	Not applicable
Packing group	Not applicable
DOT RQ (lbs)	Not applicable
ERG NO	Not applicable

Transportation of Dangerous Goods (TDG - Canada): Classification: Not regulated

Proper shipping name Not applicable
Status Not applicable
Packing group Not applicable

IMDG (Marine Transport): Classification: Not regulated

Proper shipping name Not applicable
Class Not applicable
Subsidiary Risk Not applicable
Packing group Not applicable
IMDG Page Not applicable
Marine pollutant Not applicable
EMS Not applicable
MFAG Not applicable
Maximum Quantity Not applicable

IATA/ICAO (Air): Classification: Not regulated

Proper shipping name Not applicable
Class Not applicable
Subsidiary Risk: Not applicable
Packing group Not applicable
Maximum Quantity Not applicable

15. Regulatory Information

US Federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Product Registration: Not registered

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

Ethanol, 2-(2-methoxyethoxy)- 111-77-3 1 Lb statutory RQ (no final RQ is being assigned to the generic or broad class. Includes mono- and di- ethers of ethylene glycol, diethylene glycol and triethylene glycol R-(OCH₂CH₂)_n-OR' where n = 1, 2 or 3, R = alkyl or aryl groups, R' = H or groups which when removed yield glycol ethers with the structure R-(OCH₂CH₂)_n-OH. Polymers are excluded from glycol category); 0.454 k

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Ethanol, 2-(2-methoxyethoxy)- 111-77-3 1.0 Percent de minimis concentration (applies to R-(OCH₂CH₂)_n-OR' ethers, where n = 1,2, or 3, R=alkyl C7 or less or R = phenyl or alkyl subst. phenyl, R' = H or alkyl C7 or less, or OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate, Chemical Category N230)

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. - Illinois - Toxic Air Contaminants

Ethanol, 2-(2-methoxyethoxy)- 111-77-3 Present

U.S. - Louisiana - Reportable Quantity List for Pollutants

Ethanol, 2-(2-methoxyethoxy)- 111-77-3 100 Lb RQ

U.S. - Massachusetts - Right To Know List

Ethanol, 2-(2-methoxyethoxy)- 111-77-3 Present

U.S. - New Jersey - Right to Know Hazardous Substance List

Ethanol, 2-(2-methoxyethoxy)- 111-77-3 sn 2265

U.S. - Pennsylvania - RTK (Right to Know) List

Ethanol, 2-(2-methoxyethoxy)- 111-77-3 Present

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

Disclaimer

This product should only be used as directed on the label and for the purpose intended. To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Further information

19200-05416 - MOP & GLO® - Triple Action Floor Shine - 16 oz. - 0041250

19200-05432 - MOP & GLO® - Triple Action Floor Shine - 32 oz. - 0041250

Issue date

17-Feb-2010

Effective date

15-Feb-2010

Prepared by

Reckitt Benckiser Regulatory Department 800-333-3899

Other information

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.