



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

BIORENEWABLES GLASS CLEANER (RTU HANDI SPRAY)

Product Number: 3239

Spartan Chemical Company, Inc.

1110 Spartan Drive
Maumee OH 43537

Product Division:

Janitorial

Product/Technical1-(800)-537-8990

Information:

Medical Emergency:1-(888)-314-6171 (24 hours)

Chemical Leak/SpillCHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description:	Cleaning compounds, liquid, n.o.s.		
NFPA Ratings:		HMIS Ratings:	
Health:	0 - Minimal	Health:	0 - Minimal
Fire:	0 - Minimal	Fire:	0 - Minimal
Reactivity:	0 - Minimal	Reactivity:	0 - Minimal
		Pers. Prot. Equip.:	See Section VIII



SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	% W	CAS Registry No.	Table Z- 1 - A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Alkyl polyglycoside	< 1.0	132778-08-6	Not Established	Not Established	Not Established	No



SECTION III: PHYSICAL DATA

Boiling Point:	212 °F	Vapor Pressure:	Not determined
Vapor Density (AIR = 1):	Unknown	Solubility in Water:	Complete
pH:	7.5-8.5	Specific Gravity (H ₂ O=1):	1.00
Evaporation Rate (but.ace.=1):	<1	Percent Solid by Weight:	< 1.0
Physical State:	Liquid		
Appearance & Odor:	Light blue liquid, pleasant fragrance		

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point:	> 212°F	Method Used:	ASTM-D56
Flammable Limits:	Not Established	Flame Extension:	N/A
Extinguishing Media:	Product does not support combustion. Use extinguishing media appropriate for surrounding fire.		
Special Fire Fighting Procedures:	Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.		
Unusual Fire & Explosive Hazards:	Combustion products are toxic.		

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes and Oral
Effects of Overexposure- Conditions to Avoid:	May cause mild eye and skin irritation. May be harmful if swallowed. Inhalation of product mist may cause respiratory irritation. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Do not swallow. Avoid breathing product mist. Wash thoroughly after handling.		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		

Emergency & First Aid Procedures:

Eyes:	Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Get medical attention.
Skin:	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists. Wash contaminated clothing before reuse.
Ingestion:	Do not induce vomiting unless told to do so by medical personnel. Drink one or two glasses of water to dilute product. Get medical attention. Do not give anything by mouth to an unconscious person.
Inhalation:	In case of respiratory irritation; move person to fresh air. Get medical attention if irritation persists.

SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	Strong oxidizers
Hazardous Decomposition Products:	CO, CO ₂	Hazardous Polymerization:	Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Flush with plenty of water into sanitary sewer.
Waste Disposal Method:	Same as above.



SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	None required
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Not required. Impervious gloves may be worn if desired.
Eye Protection(Specify Type):	Not required. Splash goggles may be worn if desired.
Other Protective Equipment:	See 29 CFR 1910.132-138 for further guidance.



SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Keep out of reach of children
Other Precautions:	Keep from freezing.



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Name: Ronald T. Cook

Title: Manager, Regulatory Affairs

**BIORENEWABLES GLASS
CLEANER (RTU HANDI SPRAY)**

Effective Date: 06/15/2007

Ref: 29 CFR 1910.1200
(OSHA)

Changes: New Product

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