

MATERIAL SAFETY DATA SHEET

G&W Electric Company

3500 West 127th Street
Blue Island, IL 60406
(708) 388-5010/Fax (708) 388-0755

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	G&W 219 Insulating Compound	
Chemical Family:	Alkylaryl Hydrocarbon/Polybutene	
Manufacturer:	G&W Electric Co. 3500 West 127 th Street Blue Island, IL 60406-1864	Telephone/Fax Numbers: (708) 388-5010/(708)388-0755 Hours: 8:00A.M. - 4:00P.M.

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Alkylaryl Hydrocarbon/ 68855-24-3 (69-80%)/	Polybutene 9003-29-6 (20-31%)
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SECTION 3. HAZARDS IDENTIFICATION

NATURE OF HAZARD

Eyes:	Expected to cause no more than minor eye irritation. Application of a similar product into the eyes of rabbits produced very slight membrane irritation without corneal injury. Avoid eye contact as good industrial practice.
Skin:	Not a primary skin irritant but may cause skin irritation on repeated or prolonged contact. Application of a similar product onto the skin of rabbits produced slight erythema and edema. The Draize score 0.6. Not expected to be acutely toxic by skin absorption. The acute dermal LD ₅₀ (rabbits) was greater than 5g/kg for a similar product.
Inhalation:	Avoid breathing vapor or mist. Under normal use conditions, this product is not an inhalation hazard. Prolonged exposure to vapors may cause dizziness and headaches.
Ingestion:	May cause nausea. Not expected to be acutely toxic by ingestion. The acute oral LD ₅₀ (rat) was greater than 5 g/kg for a similar product.

SECTION 4. FIRST AID MEASURES

Eyes:	Immediately flush eyes with plenty of water for at least 15 minutes while holding the eyelids open. If irritation persists, see a physician.
Skin:	Remove contaminated clothing. Wash skin thoroughly with soap and water. Launder contaminated clothing. See a doctor if irritation persists.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration and seek medical attention immediately. Remove material from eyes, skin and clothing.

Ingestion:	If swallowed, call a physician immediately. ONLY induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person. If medical advice cannot be obtained, take the person, product container and MSDS to the nearest medical emergency center.
SECTION 5. FIRE FIGHTING MEASURES	
Special Fire Fighting Procedure:	Cool exposed equipment with water spray. Firefighters and others exposed to vapors or products of combustion should use self-contained breathing apparatus and wear full protective clothing.
Flammability Limits:	Unknown
Extinguishing Media:	CO ₂ , Dry Chemical, foam, water fog
SECTION 6. ACCIDENTAL RELEASE MEASURES	
<ul style="list-style-type: none"> • This material is not expected to present any environmental problems other than those normally associated with oil spills. • Contain spills and leaks to prevent discharge to the environment. • Absorb spillage with inert material, then place in a chemical waste container. For large spills, dike for later disposal. • U.S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spills Coast Guard toll free number (800) 424-8802. 	
SECTION 7. HANDLING AND STORAGE	
Emptied container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.	
SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Eyes:	No special eye protection is necessary. Avoid eye contact as good industrial practice.
Skin:	Avoid prolonged or frequently repeated contact. Skin contact can be minimized by wearing impervious protective clothing including gloves.
Respiratory:	Avoid breathing vapor or mist. Use NIOSH/MSHA approved respiratory equipment when airborne exposure is excessive. Consult respirator manufacturer to determine appropriate type equipment for given application.
Ventilation:	Mechanical ventilation is recommended if handling at elevated temperatures or if it is handled in such a manner as to cause mists or vapor to form.
SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance and odor:	Water-white to yellowish amber oily liquid, slight hydrocarbon odor.
Solubility:	Soluble in hydrocarbons; insoluble in water
Boiling Point (°C):	N/A
Melting Point:	Not Applicable
Average Molecular Weight:	525 (estimated)

Specific Gravity (@ 15.6/15.6°C):	0.87
Vapor Pressure (mm Hg @ 40°C):	LT 0.001
Vapor Density:	Not Applicable
Viscosity (cSt @ 40°C):	550 – 650
Pour Point (°C):	-40
Flash Point (°C CoC)	175
Auto ignition Temperature (°C):	427
SECTION 10. STABILITY AND REACTIVITY	
Stability:	Stable (Thermal, Light)
Incompatibility:	May react with strong oxidizing materials
Hazardous Decomposition Products:	Normal combustion forms carbon dioxide and water vapor. Incomplete combustion can form carbon monoxide.
Hazardous Polymerization:	Will not occur
SECTION 11. TOXICOLOGICAL INFORMATION	
None Established	
SECTION 12. ECOLOGICAL INFORMATION	
Environmental Toxicity Information for a Similar Product.	
96-hr LC ₅₀ Rainbow Trout (<i>Salmo gairdneri</i>): >1000 mg/l practically non-toxic	
96-hr LC ₅₀ Sheepshead Minnow (<i>Cyprinodon variegatus</i>): >1000 mg/l practically non-toxic	
Biodegradation: This material has not been tested for biodegradation. It is expected to be resistant.	
SECTION 13. DISPOSAL CONSIDERATIONS	
Discarded product should be incinerated or dispose of only in accordance with local, state and federal regulations.	
SECTION 14. TRANSPORT INFROMATION	
TSCA Inventory:	Benzene C ₁₄ -C ₃₀ alkyl derivatives appears on the Inventory of Chemical Substances published by the U.S. Environmental Protection Agency (EPA) under authority of the Toxic Substances control Act (TSCA). All Polybutene components also listed by TSCA
DOT Proper Shipping Name:	Not Applicable
DOT Hazard Class/I.D. No.:	Not Applicable
DOT Label(s):	Not Applicable

U.S. Surface Freight Classification:	Petroleum Alkylate Detergent Intermediate (Petroleum Oil, N.O.I.B.N.)
IATA Dangerous Good:	Not defined as a dangerous good by IATA for air transportation
Hazardous Chemical(s) Under OSHA: Hazard Communication Standard (CFR 1910.1200):	Non Hazardous
SARA Hazard Notification:	Not Applicable (contains no chemicals subject to SARA 302 or 313 [toxic chemicals])

SHIPPING INFORMATION

This product is not a hazardous material or hazardous substance as defined by the Department of Transportation, nor is it a dangerous good as defined by IATA for air transportation.

TRANSFER INFORMATION

Electrostatic Accumulation Hazard: When transferring this product, there is potential for the accumulation of static electricity. Consideration should be given to bonding and grounding of equipment during loading, unloading and transfer of this product.

SECTION 15. REGULATORY INFORMATION

No Federal OSHA PEL or ACGIM TLV has been established for this material.

SECTION 16. OTHER INFORMATION

NOTICE: This Material Safety Data Sheet (MSDS) conforms to the requirements of OSHA 29 CFR Part 1910 and State of California CCR Title 8, and the recommendations in ANSI Z400.1. The information it contains is offered in good faith as accurate. We have reviewed the information contained in this MSDS, which we received from sources outside our company. We believe that information to be correct, but we make no representations as to the accuracy or completeness thereof. Health and Safety precautions may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. We disclaim any liability for damage or injury which results from the use of the above information and nothing contained therein shall constitute a guarantee, warranty (including warranty of merchantability) or representation (including freedom from any patent liability) by us with respect to the information, the product described, or their use for any specific purpose, even if that purpose is known to us. In no event will we be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.

NFPA Hazard Rating:	Category	NFPA
	Health	1
	Flammability	2
	Reactivity	0
DATE: 07/01/09	SUPERSEDES: 01/02/08	