

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC - DAY OR NIGHT 1-800-424-9300

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### MANUFACTURED FOR:

LOVELAND PRODUCTS, INC.  
P.O. Box 1286 • Greeley, CO 80632-1286

24-Hour Emergency Phone: 1-800-424-9300

Medical Emergencies: 1-866-944-8565

U.S. Coast Guard National Response Center: 1-800-424-8802

PRODUCT NAME: RESPOND® 3G GREENS GRADE GRANULAR  
CHEMICAL NAME: Neutral blend of Polyhydroxyethyl alkoxy alkylene oxides  
CHEMICAL FAMILY: Mixture  
EPA REG. NO.: not applicable  
MSDS Number: 8200910-12-LPI

MSDS Revisions: Sections 2, 4, 7, 13, 15

Date of Issue: 07/24/12

Supersedes: 06/22/10

## 2. HAZARDS IDENTIFICATION SUMMARY

**KEEP OUT OF REACH OF CHILDREN – CAUTION** – Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

This product is a brown to buff granular solid with no odor.

## 3. COMPOSITION, INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>TLV (Units)</u>
Polyhydroxyethyl alkoxy alkylene oxides	9.00	Mixture	not established
Inert ingredients	91.00	Mixture	not established

## 4. FIRST AID MEASURES

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**If swallowed:** Call a poison control center immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

## 5. FIRE FIGHTING MEASURES

**FLASH POINT (°F/Test Method):** Not applicable.  
**FLAMMABLE LIMITS (LFL & UFL):** Not established  
**EXTINGUISHING MEDIA:** Dry chemical or carbon dioxide (CO<sub>2</sub>), foam or water spray/fog.  
**HAZARDOUS COMBUSTION PRODUCTS:** Emits toxic fumes.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus and full protective gear.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Use water spray to cool containers.

## 6. ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wear appropriate personal protective equipment (refer to Section 8). Control spill at its source. Pick up the material and place in a container for proper disposal in accordance with local, state and federal regulations.

**ENVIRONMENTAL PRECAUTIONS:** Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

## 7. HANDLING AND STORAGE

**HANDLING:** Keep out of reach of children. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Avoid breathing dust.

**STORAGE:** Store in original container only. Keep container tightly closed, do not allow water to be introduced into the bag's contents. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment wash waters or spray waste. Do not store near heat, fire or open flame.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**ENGINEERING CONTROLS:** Work in well-ventilated area. Local exhaust may be required if working in confined space.  
**RESPIRATORY PROTECTION:** Respiratory protection is not necessary.  
**EYE PROTECTION:** Chemical goggles or safety glasses. An emergency eyewash station should be available.  
**SKIN PROTECTION:** Wear long-sleeved shirt and long pants, socks, shoes, and gloves.

	<b>OSHA PEL 8 hr TWA</b>	<b>ACGIH TLV-TWA</b>
Particulates (PNOC**)	15 mg/m <sup>3</sup>	not listed

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>APPEARANCE AND ODOR:</b> Brown to buff granular solid with no odor.	<b>SOLUBILITY:</b> Negligible
<b>SPECIFIC GRAVITY (Water = 1):</b> 0.6087 gm/ml	<b>pH:</b> 6.5 (+- 2.5)
<b>VAPOR PRESSURE:</b> Not established	<b>BULK DENSITY:</b> 38 lbs/ft <sup>3</sup>
<b>PERCENT VOLATILE (by volume):</b> 0 – 1.0%	<b>BOILING POINT:</b> Not established
Note: These physical data are typical values based on material tested but may vary from sample to sample.	<b>EVAPORATION RATE:</b> Not established
Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.	

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**10. STABILITY AND REACTIVITY**

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**STABILITY:** Stable  
**CONDITIONS TO AVOID:** Heat.  
**INCOMPATIBILITY:** Strong oxidizing agents.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Emits toxic fumes in a fire situation.  
**HAZARDOUS POLYMERIZATION:** Will not occur.

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**11. TOXICOLOGICAL INFORMATION**

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<b>Acute Oral LD<sub>50</sub> (rat):</b> Not established	<b>Acute Dermal LD<sub>50</sub> (rabbit):</b> Not established
<b>Eye Irritation (rabbit):</b> Not established	<b>Skin Irritation (rabbit):</b> Not established
<b>Inhalation LC<sub>50</sub> (rat):</b> Not established.	<b>Skin Sensitization (guinea pig):</b> Not established.
<b>Carcinogenic Potential:</b> Not listed by OSHA, NTP, IARC, or ACGIH as a known human carcinogen	

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**12. ECOLOGICAL INFORMATION**

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Product is biodegradable and readily absorbed into soil.

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**13. DISPOSAL CONSIDERATIONS**

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Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. Do not contaminate water, food, or feed by storage or disposal.

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**14. TRANSPORT INFORMATION**

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**DOT Shipping Description:** NOT REGULATED BY USDOT.  
**Freight Classification:** ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60)  
**Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.**

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**15. REGULATORY INFORMATION**

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<b>NFPA &amp; HMIS Hazard Ratings:</b>	<b>NFPA</b>		<b>HMIS</b>
	1 Health	0 Least	1 Health
	0 Flammability	1 Slight	0 Flammability
	0 Instability	2 Moderate	0 Reactivity
		3 High	B PPE
		4 Severe	

# MATERIAL SAFETY DATA SHEET

RESPOND® 3G

## SARA Hazard Notification/Reporting

SARA Title III Hazard Category: Immediate Y Fire N  
Delayed N Reactive N Sudden Release of Pressure N

Reportable Quantity (RQ) under U.S. CERCLA: Not listed

SARA, Title III, Section 313: Not listed

RCRA Waste Code: Not listed

CA Proposition 65: Not listed.

## 16. OTHER INFORMATION

MSDS STATUS: Sections 2, 4, 7, 13, 15 revised

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental/Regulatory Services

\*\*Particulates not otherwise classified/regulating

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