

P & S Sales, Inc.

Material Safety Data Sheet



Date Issued: 10/22/2008

Product Name **G15 - Formula 61**

1. Product and Company Information

P & S Sales, Inc
20943 Cabot Blvd.
Hayward CA 94545

Emergency Number: 800-255-3924
Customer Service: 510-732-2628
Business Fax: 510-732-2632

Generic Description: Clear, Thin, Pink liquid with glycol odor

NFPA Profile: Health 2 Flammability 0 Reactivity 0

2. OSHA Hazard Components

CAS Number	Wt %	Component Name
25155-30-0		Linear Dodecyl Benzene Sulfonate
141-43-5		Monoethanolamine
34590-94-8	2-3	Dipropylene Glycol n-Methyl Ether

3. Effects of Overexposure

Acute Effects

Eye: Eye irritant, expect redness, stinging, watering and itching. Possible damage to eye tissue.

Skin: No significant irritation expected from a single short-term exposure.

Inhalation: Irritates respiratory passages very slightly.

Oral: Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects

Skin: No known applicable information.

Inhalation: No known applicable information.

Oral: No known applicable information.

Medical Conditions Aggravated by Exposure : No known applicable information.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

4. First Aid Measures

Eye: Immediately flush with water. Consult Doctor.

Skin: Rinse thoroughly if irritation occurs. Consult Doctor if it persists

Inhalation: No first aid should be needed.

Oral: Seek medical attention

Comments: Treat symptomatically.

5. Fire Fighting Measures

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Flash Point	>213.8 °F	Upper Flamability Limit	Not Determined
Auto Ignition	Not Determined	Lower Flamability Limit	Not Determined

Extinguishing Media:

On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.

Fire Fighting Measures:

Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Unusual Fire Hazards:

None.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde. Metal oxides.

6. Accidental Release Measures

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbant. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

7. Handling and Storage

Use with adequate ventilation. Avoid eye contact.

Use reasonable care and store away from oxidizing materials.

8. Exposure Controls and Personal Protection

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25155-30-0	Linear Dodecyl Benzene Sulfonate	not established
141-43-5	Monoethanolamine	not established
34590-94-8	Dipropylene Glycol n-Methyl Ether	100 ppm (ACGIH) / 2001 TWA

Engineering Controls

Local Ventilation: None should be needed.
General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling

Eyes: Use proper protection - safety glasses as a minimum.
Skin: Washing at mealtime and end of shift is adequate.
Suitable Gloves: No special protection needed.
Inhalation: No respiratory protection should be needed.
Suitable Respirator: None should be needed.

Precautionary Measures: Avoid eye contact. Use reasonable care.

Comments: When heated to temperatures above 150 degrees C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin, and digestive system. Safe handling conditions may be maintained by keeping vapor OSHA Permissible Exposure Limit for formaldehyde.

9. Physical and Chemical Properties

Physical State	Liquid	Color	Pink	Odor	Glycol Ether
pH	10	Specific Gravity	1.02	Viscosity	water thin
Vapor Density (Air=1)	Not Determined	Melting Point °F	20°F	Vapor Press	Not Determined
Water Solubility	complete	VOC Content	<3%, .764 lb/gal		

10. Stability and Reactivity

Stability	Stable	Hazardous Polymerization	Not Expected to Occur
Conditions to Avoid	Oxidizing materials can cause a reaction		
Hazardous Decomposition Products	When heated to temperatures above 150 degrees C in the presence of air, product can form formaldehyde vapors. Safe handling conditions may be maintained by keeping vapor OSHA Permissible Exposure Limit for formaldehyde.		

11. Toxicological Information

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Product Name **G15 - Formula 61**

Routes of Entry: Dermal Contact, Eye Contact, Inhalation, Ingestion
Skin: 9500 mg/Kg (LD50, Rabbit)
Acute oral toxicity 5350 mg/Kg (LD 50, Rat)

12. Ecological Information

LC50/96 Hours - 10,000 mg/L (minnow)

LC50/48 Hours - 5000 mg/Kg (daphnia)

Fate: This material is volatile and water soluble. It may enter soil and may contaminate water. This material is likely to evaporate from dry soil but not from water. It is not expected to adsorb onto soils or sediments. Theo. BOD (Closed Bottle Test) 77 - 84% (28 day) This material is expected to biodegrade in acclimated systems.

13. Disposal Information

RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No
State or local laws may impose additional regulatory requirements regarding disposal.

14. Transportation Information

Not subject to DOT. Not regulated

Not subject to IMDG code.

Not subject to IATA regulations

15. Regulatory Information

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances (40 CFR 355): None.

Section 304 CERCLA Hazardous Substances (40 CFR 302): None.

Section 311/312 Hazard Class (40 CFR 370):

Acute: No

Chronic: No

Fire: No

Pressure: No

Reactive: No

Section 313 Toxic Chemicals (40 CFR 372): None present or none present in regulated quantities.

Supplemental State Compliance Information

California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe

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Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm. :NONE

16. Other Information

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.