



Section 1. Product and Company Identification

Product Identifier G11 - Rags To Riches

Product Use Description: Light Blue, clear, viscous liquid with floral fragrance for use as a laundry cleaner for Microfiber Towels

Manufacturer or suppliers' details

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

Section 2. Hazards Identification

GHS Classification

Eye Damage : Category 2A

Acute toxicity (oral) : Category 4

Skin Corrosion/Irritation : Category 2

Hazardous to Aquatic Environment : Category 2

Hazardous to Aquatic Environment long-term hazard : Category 3

GHS Label Elements

Hazard Pictograms



Hazard Word

Danger

Hazard Statements

H318: **Causes serious eye damage**

H302: **Harmful if swallowed**

H315: **Causes skin irritation**

H412: **Harmful to aquatic life with long lasting effects**

Precautionary Statements

P280: **Wear protective gloves/protective clothing/eye protection/face protection**

P305+351+338: **IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing**

P338: **Remove contact lenses if present and easy to do. continue rinsing**

P310: **Remove contact lenses if present and easy to do. continue rinsing**

P332+313: **Immediately call a POISON CENTER or doctor/physician
If skin irritation occurs: Get medical advice/attention**

3. Composition Information on Ingredients

CAS Number	Wt %	Component Name
119345-04-9	.5-3%	Alkyldiphenyloxide Disulfonate



51981-21-6	.5-3%	tetrasodium N,N-bis(carboxylatomethyl)-L- 30 - 50
169117-72-0	.5-3%	Poly(oxy-1,2-ethanediyl), α,α' -[1,4- dimethyl-1,4-bis(3-methylbutyl)-2-
68081-81-2	15-25%	Sodium (C10-16) benzenesulfonate

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

4. First Aid Measures

Eye: Immediately and gently flush with water for 15 minutes. Consult physician.

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

Inhalation: Move to fresh air. No first aid should be needed from exposure due to mist. Consult physician if symptoms such as difficulty breathing occur. If aspiration occurs consult physician immediately.

Oral: Rinse mouth. Seek medical attention if symptoms occur.

Comments: Treat symptomatically.

5. Fire Fighting Measures

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

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

This product is miscible in water.



Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

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

119345-04-9 Alkyldiphenyloxide Disulfonate	None Established
51981-21-6 tetrasodium N,N-bis(carboxylatomethyl)-L-30 - 50 glutamate	None Established
169117-72-0 Poly(oxy-1,2-ethanediyl) α,α'-[1,4-dimethyl-1,4-bis(3-methylbutyl)-2-	None Established
68081-81-2 Sodium (C10-16) benzenesulfonate	None Established

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

Flash Point	>213.8 °F	Upper Flamability Limit	Not Determined
Auto Ignition	Not Determined	Lower Flamability Limit	Not Determined
Physical State	Liquid	Color	Blue
pH	8.0	Vapor Press	Not Determined
Specific Gravity	1.0	Viscosity	100 cst
Vapor Density (Air=1)	Not Determined	Melting Point °F	28°F
Water Solubility	soluble	Odor	Floral
		VOC Content	0%

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

Based on 68081-81-2, Sulfonated Sodium Salts

Acute toxicity

Acute oral toxicity

Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.

LD50, Rat > 2,000 mg/kg

Acute dermal toxicity

Prolonged skin contact is unlikely to result in absorption of harmful amounts. Not expected to be a skin sensitizer
LD50, Rabbit, male, > 2,000 mg/kg No deaths occurred at this concentration.

Acute inhalation toxicity

At room temperature, exposure to vapor is minimal due to low volatility; single exposure is not likely to be hazardous. Excessive exposure may cause irritation to upper respiratory tract (nose and throat).

As product: The LC50 has not been determined.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

Reproductive toxicity - This product is not expected to cause reproductive or developmental effects

12. Ecological Information

Based on 68081-81-2, Sulfonated Sodium Salts

Toxicity / aquatic

Acute toxicity

Algae	EC50	Algae	426 mg/L	96 hrs
Crustacea	EC50	Daphnia	35 mg/l	48 hrs
Fish	LC50	Fish	24 mg/l	96 hrs

This product is anticipated to be harmful to aquatic organisms based on data from a similar product. Do not allow to enter soil, waterways or waste water canal.



13. Disposal Considerations

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

Domestic DOT. Not regulated for inner packages under 1.3 gallons, combination packaging under 66 lb. per 173.155(b)(2)

IMDG code. Not regulated for inner packaging under 6 liters IMDG Part 3 DG limited Qty, 3.4

Packaging over 1.3 gallons for transportation by other means:
UN3082, Environmentally Hazardous Substance (sodium dodecylbenzene Sulfonate), 9, PG III

15. Regulatory Information

OSHA Hazards : Acute Health Hazard

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity - This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute health Hazard

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65 : This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List -
Not Regulated

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) -
Not Regulated

Safe Drinking Water Act -
Not Regulated



16. Other Information

Revision Date 11/20/2020

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.

Key or legend to abbreviations and acronyms used in the safety data sheet

ACGIH American Conference of Government Industrial Hygienists

LD50 Lethal Dose 50%

AICS Australia, Inventory of Chemical Substances

LOAEL Lowest Observed Adverse Effect Level

DSL Canada, Domestic Sub- stances List

NFPA National Fire Protection Agency

NDSL Canada, Non-Domestic Sub- stances List

NIOSH National Institute for Occupational Safety & Health

CNS Central Nervous System

NTP National Toxicology Program

CAS Chemical Abstract Service

NZIoC New Zealand Inventory of Chemicals

EC50 Effective Concentration

NOAEL No Observable Adverse Effect Level

EC50 Effective Concentration 50%

NOEC No Observed Effect Concentration

EGEST EOSCA Generic Exposure Scenario Tool

OSHA Occupational Safety & Health Administration

EOSCA European Oilfield Specialty Chemicals Association

PEL Permissible Exposure Limit

EINECS European Inventory of Exist- ing Chemical Substances

PICCS Philipines Inventory of Commercial Chemical Substances

MAK Germany Maximum Concentration Values

PRNT Presumed Not Toxic

GHS Globally Harmonized System

RCRA Resource Conservation Recovery Act

>= Greater Than or Equal To

STEL Short-term Exposure Limit

IC50 Inhibition Concentration 50%

SARA Superfund Amendments and Reauthorization Act.

IARC International Agency for Re- search on Cancer

TLV Threshold Limit Value

IECSC Inventory of Existing Chemical Substances in China

TWA Time Weighted Average

ENCS Japan, Inventory of Existing and New Chemical Sub- stances

TSCA Toxic Substance Control Act

KECI Korea, Existing Chemical Inventory

UVCB Unknown or Variable Composition, Complex Reaction Products, and Biological Materials

<= Less Than or Equal To