



Rags 2 Riches

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date: 12/5/2025 Revision date: 12/5/2025

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : Rags 2 Riches
Product code : G1105, G1101, G110Q

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Microfiber towel shampoo
Restrictions on use : None known

1.4. Supplier's details

P&S Sales, Inc.
20943 Cabot Blvd.
Hayward, CA 94545
T 510-732-2628
dave@pssales.com

1.5. Emergency phone number

Emergency number : 1-800-255-3924

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Serious eye damage/eye irritation, Category 1 H318 Causes serious eye damage.
Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger
Hazard statements (GHS US) : H318 - Causes serious eye damage
Precautionary statements (GHS US) : P280 - Wear eye protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

Rags 2 Riches

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	CAS-No.: 68081-81-2	5 – 10
Propylene glycol	CAS-No.: 57-55-6	1 – 5
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate	CAS-No.: 51981-21-6	1 – 5

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: Move the affected person to fresh air. Get medical attention if symptoms occur.
First-aid measures after skin contact	: Gently wash with plenty of soap and water. Get medical advice if skin irritation persists.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Inhalation	: May cause minor irritation to the respiratory tract and to other mucous membranes.
Skin	: May cause slight irritation to the skin.
Eyes	: Serious damage to eyes.
Ingestion	: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Immediate medical attention is required for eye contact.
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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: None.

5.2. Specific hazards arising from the chemical

Fire hazard	: This product is not classified as flammable or combustible.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

Rags 2 Riches

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear suitable protective clothing. Avoid contact with eyes, skin and clothing.

For non-emergency personnel

Emergency procedures : Avoid contact with skin and eyes.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Wear personal protective equipment. Avoid contact with eyes, skin and clothing. Wash hands with water and soap. Ensure adequate ventilation.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : No special storage required.

Incompatible materials : None known.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Propylene glycol (57-55-6)

USA - AIHA - Occupational Exposure Limits

WEEL TWA	10 mg/m³
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8.2. Appropriate engineering controls

Appropriate engineering controls : No particular/specific measures required.

Environmental exposure controls : Avoid release to the environment.

Rags 2 Riches

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

8.3. Individual protection measures, such as personal protective equipment

Hand protection:

Wear suitable gloves

Eye protection:

Chemical goggles. Use suitable eye protection

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Color	: Blue clear
Odor	: Floral
Odor threshold	: No data available
pH	: 9.5
Melting point	: 32 °C
Freezing point	: No data available
Boiling point	: 212 °C
Flash point	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: Particle characteristics : Not applicable

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

Rags 2 Riches

Safety Data Sheet

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10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts (68081-81-2)

LD50 oral	1080 mg/kg
LD50 dermal	> 2000 mg/kg

Propylene glycol (57-55-6)

LD50 oral rat	22000 mg/kg
LD50 dermal rat	20800 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate (51981-21-6)

LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	> 4.2 mg/l/4h

Skin corrosion/irritation : Not classified
pH: 9.5
Serious eye damage/irritation : Causes serious eye damage.
pH: 9.5
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified

Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts (68081-81-2)

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure : Not classified

Rags 2 Riches

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Propylene glycol (57-55-6)	
NOAEL (subchronic,oral,animal/male,90 days)	443 mg/kg body weight (cat)
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate (51981-21-6)	
NOAEL (oral,rat,90 days)	300 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents), Guideline: other:

Aspiration hazard	: Not classified
Inhalation	: May cause minor irritation to the respiratory tract and to other mucous membranes.
Skin	: May cause slight irritation to the skin.
Eyes	: Serious damage to eyes.
Ingestion	: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general	: Harmful to aquatic life.
Hazardous to the aquatic environment, short-term (acute)	: Not classified.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts (68081-81-2)	
LC50 - Fish [1]	1.67 mg/l
EC50 - Crustacea [1]	2.9 mg/l
EC50 72h - Algae [1]	29 mg/l
NOEC chronic fish	0.23 mg/l
NOEC chronic crustacea	1.41 mg/l
NOEC chronic algae	3.1 mg/l

Propylene glycol (57-55-6)	
LC50 - Fish [1]	51400 mg/l Pimephales promelas (Fathead minnow)
EC50 - Crustacea [1]	43500 mg/l
LC50 - Fish [2]	51600 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 72h - Algae [1]	19300 mg/l Skeletonema costatum (marine diatom)
EC50 72h - Algae [2]	24200 mg/l Pseudokirchneriella subcapitata
EC50 96h - Algae [1]	19100 mg/l Skeletonema costatum (marine diatom)
EC50 96h - Algae [2]	19000 mg/l Pseudokirchneriella subcapitata

Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate (51981-21-6)	
LC50 - Fish [1]	> 95.26 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 - Crustacea [1]	> 95.26 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	> 95 mg/l Scenedesmus subspicatus
LOEC (chronic)	> 265.7 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	224 mg/l Test organisms (species): other aquatic crustacea: Duration: '21 d'

Rags 2 Riches

Safety Data Sheet

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12.2. Persistence and degradability

Rags 2 Riches	
Persistence and degradability	No additional information available.
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts (68081-81-2)	
Persistence and degradability	No additional information available.
Propylene glycol (57-55-6)	
Persistence and degradability	Readily biodegradable.
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate (51981-21-6)	
Persistence and degradability	Readily biodegradable in water.
Biodegradation	76 % (28 days)

12.3. Bioaccumulative potential

Propylene glycol (57-55-6)	
Partition coefficient n-octanol/water (Log Pow)	-0.92
Bioaccumulative potential	Low bioaccumulation potential.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Dispose of in accordance with applicable federal, state, and local regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated	Not applicable	Not regulated	Not regulated
14.2. Proper Shipping Name			
Not regulated	Not applicable	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not applicable	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not applicable	Not regulated	Not regulated

Rags 2 Riches

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

DOT	TDG	IMDG	IATA
14.5. Environmental hazards			
Not regulated	Not applicable	Not regulated	Not regulated
No supplementary information available			

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

TDG
Not applicable

IMDG
Not regulated

IATA
Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts (68081-81-2)

Listed on the Canadian DSL (Domestic Substances List)

Propylene glycol (57-55-6)

Listed on the Canadian DSL (Domestic Substances List)

Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate (51981-21-6)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts (68081-81-2)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Rags 2 Riches

Safety Data Sheet

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15.3. State regulations

 **WARNING:** This product can expose you to chemicals including Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Component	State or local regulations
Propylene glycol(57-55-6)	U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16 Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Revision date : 12/5/2025
Issue date : 12/5/2025

Full text of hazard classes and H-statements	
H318	Causes serious eye damage

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.