

Safety Data Sheet

GruberCare Wet Strip Cleaner

SDS No. 20020.0

Date of Preparation: 9/25/15

Revision: 9/25/15

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: GruberCare Wet Strip Cleaner

General Use: Cleaner and degreaser for water tolerant surfaces.

Manufacturer: Marshall-Gruber Company, LLC

A subsidiary of The R. J. Marshall Company

220 Airport Drive

Mansfield, TX 76063

Phone: (682)422-9674, Fax: (682)518-9762

Emergency Phone: (800)424-9300

Date Revised: 9/25/15

Preparer: Stephanie Nichols

Section 2 – Hazards Identification

Classification of the chemical in accordance with paragraph (d) of 1910.1200: Non-Hazardous.

Signal words: None

Symbol: None

Hazard statements: None

Prevention statements: None

Hazards not otherwise classified: None

Section 3 – Composition/Information on Ingredients

Chemical Name	CAS#	Weight %
Water	7732-18-5	>84.8%
Ethoxylated Alcohol	68439-46-3	<5%
Sodium Citrate	68-04-2	<5%
Tetrasodium N,N-bis(carboxymethyl)-L-glutamate	51981-21-6	<1%
Sodium Carbonate	497-19-8	<1%
Citric Acid	77-92-9	<1%
Isothiazolinone Mixture	55965-84-9	<0.2%
Fragrance	Proprietary Mixture	<1%
Colorant	Proprietary Mixture	<1%

Section 4 - First Aid Measures

Description of necessary measures, subdivided according to the different routes of exposure:

Inhalation: Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.

Eye Contact: Not expected to cause eye irritation. If adverse effect occurs, flush eyes with water.

Skin Contact: Not expected to cause skin irritation. If adverse effect occurs, rinse skin with water.

Ingestion: May cause upset stomach. Drink plenty of water to dilute. See Section 11.

Most important symptoms/effects, acute and delayed: None known.

Indication of immediate medical attention and special treatment needed: Treat symptomatically.

Section 5 - Fire-Fighting Measures

Suitable Extinguishing Media: Dry chemical, alcohol foam, carbon dioxide, water spray

Unsuitable Extinguishing Media: Avoid high volume jet water.

Unusual Fire or Explosion Hazards: Carbon oxides may be formed.

Fire-Fighting Instructions: Wear positive pressure self-contained breathing apparatus; Wear full protective clothing.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Avoid eye contact. Safety goggles suggested.

Environmental precautions: Prevent spilled material from entering sewers, storm drains, or other unauthorized treatment drainage systems, and natural waterways.

Methods and materials for containment and cleaning up: Dike or soak up with inert absorbent material.

Section 7 - Handling and Storage

Precautions for safe handling: Ensure adequate ventilation. Keep out of reach of children. Keep away from heat, sparks, open flame, and direct sunlight. Do not pierce any part of the container. Do not mix or contaminate with any other chemical. Do not eat, drink, or smoke while using this product.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed. Keep in cool dry area. Avoid prolonged exposure to sunlight. Do not store at temperatures above 109°F (42.7°C). If separation occurs, mix the product for reconstitution.

Section 8 - Exposure Controls / Personal Protection

Exposure Limit Values: No components listed with TWA or STLE values under OSHA or ACGIH.

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Protective Clothing/Equipment:

Skin protection: Use protective gloves (any material) when used for prolonged periods or dermally sensitive.

Eye protection: Use protective glasses or safety goggles if splashing or spray-back is likely.

Respiratory protection: Use in well-ventilated areas or local exhaust ventilations when cleaning small spaces.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Appearance: blue liquid

Odor: jasmine odor

Odor Threshold: not available

pH: 8.5-9.5

Freezing/Melting Point: 32-38°F (0-3.33°C)

Boiling Point: 213.8°F (101°C)

Flash Point: >212°F (>100°C)

Flash Point Method: not available

Evaporation Rate: ½ Butyl Acetate @ 77°F (25°C)

Flammability: Non-flammable

Upper/lower flammability or explosive limits: not available

Vapor Pressure: 0.60 psi @ 77°F (25°C), 2.05 psi @ 100°F (38°C)

Vapor Density (Air=1): not determined

Relative Density: 8.34-8.42 lb/gal

Water Solubility: 100%

Other Solubilities: not available

Partition coefficient: n-octanol/water; not available

Auto-ignition Temperature: not flammable

Decomposition Temperature: 109°F (43°C)

Viscosity: like water

VOCs:

SCAQMD 304-91/ EPA 24: 0 g/l 0 lb/gal 0%

CARB Method 310: 2.5 g/l 0.021 lbs/gal 0.25%

Section 10 - Stability and Reactivity

Reactivity: Not reactive.

Chemical Stability: This product is stable at room temperature in closed containers under normal storage and handling conditions.

Possibility of hazardous reactions: None known.

Conditions to Avoid: Excessive heat or cold.

Incompatible materials: Do not mix with oxidizers, acids, bathroom cleaners, or disinfecting agents.

Hazardous Decomposition Products: CO, CO₂.

Section 11- Toxicological Information

Information on the likely routes of exposure: Skin, Eye, Inhalation, and Ingestion.

Symptoms related to the physical, chemical, and toxicological characteristics:

Eye: Not expected to cause eye irritation.

Skin: Repeated contact may cause dry skin.

Ingestion: May cause upset stomach.

Inhalation: Overexposure may cause headache.

Delayed and immediate effects and also chronic effects from short and long-term exposure: Short-term exposure: No symptoms expected under typical use conditions. Long-term exposure: headache, dry skin, or skin irritation may occur.

Numerical measures of toxicity:

Acute Toxicity: Oral LD₅₀ (rat): >5 g/kg body weight

Dermal LD₅₀ (rabbit): >5 g/kg body weight

Skin Corrosion/Irritation: Non-irritant per Dermal Irritation assay modeling. No animal testing performed.

Eye Damage/Irritation: Minimal irritant per Ocular Irritation assay modeling. No animal testing performed.

Germ Cell Mutagenicity: Mixture does not classify under this category.

Carcinogenicity: None of the components of this product are listed as carcinogenic by OSHA, IARC, or NTP.

Reproductive toxicity: Mixture does not classify under this category.

STOT-Single Exposure: Mixture does not classify under this category.

STOT-Repeated Exposure: Mixture does not classify under this category.

Aspiration Hazard: Mixture does not classify under this category.

Section 12 - Ecological Information

Eco-toxicity: Volume of ingredients does not trigger toxicity classifications under GHS.

Aquatic: Low, based on OECD 201, 202, 203 + Microtox: EC₅₀ & IC₅₀>/100 mg/L. Volume of ingredients used does not trigger toxicity classifications under GHS.

Terrestrial: Not tested on finished formulation.

Persistence and degradability: Readily biodegradable per OECD 301D, closed bottle test

Bio-accumulative potential: information not available

Mobility in soil: information not available

Other adverse effects: no data available

Section 13 - Disposal Considerations

Disposal: Follow applicable Federal, state, and local regulations.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

Road and Rail Transport:

UN Number: not applicable

UN proper shipping name: not applicable

Transport hazard classes: not applicable

Packaging group: not applicable

Environmental hazards: No

Special precautions for user: None

Transport in Bulk according to Annex II of MARPOL 73/78 and IBC Code: Unknown.

NMFC Number: 48580-3

Class: 55

IMO/IDMG: Non-Hazardous

ICAO/IATA: Non-Hazardous

ADR/RID: Non-Hazardous

Section 15 - Regulatory Information

EPA Regulations:

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)
 RCRA Hazardous Waste Classification (40 CFR 261.??): Not classified
 CERCLA Hazardous Substance (40 CFR 302.4): Not listed
 SARA Toxic Chemical Section 313(40 CFR 372.65): Not listed
 SARA EHS Section 302(Extremely Hazardous Substance) (40 CFR 355): Not listed
 SARA Hazardous Chemical Section 311/312: Not applicable

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed
 OSHA Specifically Regulated Substance (29CFR 1910.????)

California Proposition 65: This product does not contain any components above the 0.1% level which is listed as a California Proposition 65 chemical.

HMIS: Health: 2 Flammability: 1 Reactivity: 0
 NFPA: Health: 2 Flammability: 1 Reactivity: 0

Inventory Lists: This product or its components are listed on the following inventory lists:

TSCA	Canada DSL
Listed	Listed

Section 16 - Other Information

Prepared By: Stephanie Nichols

Revision Notes: updated to SDS

Product Grades Available from The R. J. Marshall Company (this list may be incomplete):

MR0404

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