

Safety Data Sheet

GruberCare Wet Strip Rinse

SDS No. 20021.0

Date of Preparation: 9/25/15

Revision: 9/25/15

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: GruberCare Wet Strip Rinse

General Use: All purpose cleaner

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

Precautionary statements: None

Hazards not otherwise classified: 12.2013% of the mixture consists of ingredients of unknown toxicity.

Section 3 – Composition/Information on Ingredients

Chemical Name	CAS#	Weight %
Dipropylene glycol monomethyl ether	34590-94-8	5-7%

Section 4 - First Aid Measures

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

Inhalation: Remove to fresh air.

Eye Contact: Flush with large amounts of running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.

Skin Contact: Wash with water for 15 minutes. See physician if irritation persists.

Ingestion: If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. If individual is alert, give plenty of water to drink. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed: See Section 2 and Section 11.

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

Section 5 - Fire-Fighting Measures

Suitable Extinguishing Media: Water vapor, foam, or fog.

Unsuitable Extinguishing Media: Use of water spray may be inefficient.

Unusual Fire or Explosion Hazards: No information available.

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: Wear appropriate protective equipment.

Environmental precautions: See Section 12.

Methods and materials for containment and cleaning up: Prevent further leakage or spillage if safe to do so. Absorb with an inert material and put spilled material in appropriate waste containers.

Section 7 - Handling and Storage

Precautions for safe handling: KEEP OUT OF REACH OF CHILDREN. CAUTION. Avoid contact with eyes. Keep container closed when not in use. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities: Keep container in cool well-ventilated area. Keep container tightly closed. Store away from incompatible materials.

Section 8 - Exposure Controls / Personal Protection

Exposure Limit Values:

Chemical Name	OSHA PEL	ACGIH TLV	NIOSH IDLH
Dipropylene glycol monomethyl ether	TWA: 100 ppm TWA: 600 mg/m ³	STEL: 150 ppm TWA: 100 ppm	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m ³ STEL: 150 ppm STEL: 900mg/m ³

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: Impervious rubber, alkali-proof protective gloves. Impervious rubber boots & apron.

Eye protection: Splash proof chemical goggles or face shield.

Respiratory protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

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: translucent green liquid

Odor: jasmine odor

Odor Threshold: not available

pH: 8.5

Freezing/Melting Point: no information available

Boiling Point: 212°F (100°C)

Flash Point: no information available

Flash Point Method: not available

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

Flammability: no information available

Upper/lower flammability or explosive limits: not available

Vapor Pressure: no information available

Vapor Density (Air=1): not determined

Relative Density: 1.018

Water Solubility: 100%

Other Solubilities: not available

Partition coefficient: n-octanol/water; not available

Auto-ignition Temperature: no information available

Decomposition Temperature: no information available

Viscosity: no information available

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. Direct sunlight.

Incompatible materials: Strong oxidizing agents.

Hazardous Decomposition Products: CO, CO₂ and other organic materials.

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: May cause irritation.

Skin: May cause irritation.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Inhalation: Inhalation of vapors in high concentration may cause irritation of the respiratory system.

Delayed and immediate effects and also chronic effects from short and long-term exposure: None known.

Numerical measures of toxicity:

Acute Toxicity (dipropylene glycol monomethyl ether):

Oral LD₅₀ (rat): 5230 mg/kg

Dermal LD₅₀ (rabbit): 9500 mg/kg body weight

Sensitization: No information available.

Mutagenicity: No information available.

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

Reproductive toxicity: No information available.

STOT-Single Exposure: No information available.

STOT-Repeated Exposure: No information available.

Aspiration Hazard: No information available.

Unknown Acute Toxicity: 12.2013% of the mixture consists of ingredients(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document:

ATE mix (oral): 76531 mg/kg

ATE mix (dermal): 2714 mg/kg

Section 12 - Ecological Information

Eco-toxicity: 12.2013% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

Dipropylene glycol monomethyl ether: Pimephales promelas: 10000 mg/L LC₅₀ static 96 hrs

Persistence and degradability: no information available

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.

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: 1 Flammability: 0 Reactivity: 0

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

TSCA	Canada DSL	Europe EINECS	China IECSC	Korea KECL	Philippines PICCS	Australia AICS
Listed	Listed	Listed	Listed	Listed	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):

MR0504

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