



Procter & Gamble
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MATERIAL SAFETY DATA SHEET

MSDS #: **FH/H/2005/JWJA-6B7NME**

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SECTION I - PRODUCT IDENTIFICATION

Identity: **CAR WASH SYSTEM**

Brands: **MR. CLEAN AUTODRY CAR WASH and MR. CLEAN AUTODRY PRO-SERIES CAR WASH**

Hazard Rating:	Health: 1	4= EXTREME
	Flammability: 1	3= HIGH
	Reactivity: 0	2= MODERATE
		1= SLIGHT

Emergency Telephone Number: 1-800-208-0172 or call Local Poison Control Center

SECTION II - COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name: Cleaning, sudsing agent, amphoteric polymer, water, preservative, colorant and perfume.

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200., and/or WHMIS under the HPA:

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Recommended Limits</u>	<u>Composition Range</u>	<u>LD50 and/or LC50</u>

SECTION III - HAZARDS IDENTIFICATION**Health Hazards (Acute and Chronic):**

Ingestion: May be harmful if swallowed.
 Eye Contact: Product may be slightly irritating to the eyes.
 Skin: Prolonged/repeated contact may cause irritation.
 Inhalation: **Low order of toxicity.**

Signs and Symptoms of Exposure:

Ingestion: May result in nausea, vomiting, and/or diarrhea.
 Eye Contact: May cause stinging, tearing, itching, swelling, and/or redness.
 Skin: Prolonged contact with concentrated material may be drying or transiently irritating to skin.
 Inhalation: None known.

SECTION IV - FIRST AID INFORMATION**Emergency and First Aid Procedures:**

Ingestion: **Dilute stomach contents with fluid (water or milk) and treat symptomatically.**
 Eye Contact: Flush eyes thoroughly with water.
 Skin: In case of contact, immediately flush with water.
 Inhalation: If exposed to excessive levels, get fresh air.

Other: Product package has the following caution statement: **KEEP OUT OF THE REACH OF CHILDREN.** If eye contact occurs, flush thoroughly with water.

SECTION V - FIRE FIGHTING INFORMATION

Flash Point: **>212°F** **Explosive Limits:** *LEL:* N/A

Method Used: *UEL:* N/A

Extinguishing Media: CO₂, water, or dry chemical may be used.

Special Fire Fighting Procedures: NIOSH/MSHA approved self-contained breathing apparatus in confined spaces.

Unusual Fire Hazards: None Known

Stability *Unstable:* *Conditions to Avoid:* None known.
Stable:

Incompatibility (Materials to Avoid): Strong oxidizers.

Hazardous Decomposition/By Products: Oxides of carbon.

Hazardous Polymerization: *May Occur:* *Conditions to Avoid:*
Will Not Occur:

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: None

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Solutions of the product, diluted in the course of use, may be allowed to be flushed down sewer. First check with your local water treatment plant. Recycling is recommended for undiluted scrap product. Do not landfill.

Steps To Be Taken in Case Material is Released or Spilled: Dike or container spill. Absorb with inert material and dispose. Flush area with water. Prevent washings from entering waterways. Prevent spills from reaching a waterway. Sorbents may be used. Read "Waste Disposal Method" below for further information."

SECTION VII - HANDLING AND STORAGE

Precautions To Be Taken in Handling and Storing: Store at room temperature.

Other Precautions: Avoid excess heat.

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

This section only applies to the product when used in an industrial setting.

Respiratory Protection (Specify Type): Respirator with organic vapor cartridge. Not applicable with adequate ventilation.

Ventilation: *Local Exhaust:* None required with normal use.

Special: None

Mechanical (General): Normal/general dilution ventilation is acceptable.

Other: None

Eye Protection: None required with normal use. Safety glasses with side shields. Eye wash fountain is desirable.

Protective Gloves: None required with normal use. Protective gloves should be used for prolonged direct contact..

Other Protective Equipment: None required with normal use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (°F): Not known

Specific Gravity (H₂O=1): 1.03

Vapor Pressure (mm Hg): N/A

Percent Volatile by Volume (%): 80 - 90

Vapor Density (Air=1): N/A

Evaporation Rate (nBuOAc=1): Unknown

Odor Threshold: N/A

Freezing Point: Unknown

Coefficient of Water/Oil Distribution: N/A

pH (1% solution): ~5.0

Viscosity: ~20-50 cps

Reserve :

Scooped Density: N/A

Solubility in Water: Complete

Appearance and Odor: Green perfumed product.

Physical State: Slightly viscous liquid.

SECTION X - STABILITY AND REACTIVITY

Possible Hazardous Reactions/Conditions: Product is stable under normal handling & storage conditions. Hazardous polymerization will not occur.

Conditions to Avoid: Extreme heat.

Materials to Avoid: Strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorates, concentrated oxygen, permanganate). Strong oxidizers may generate heat, fires, explosions and/or toxic vapors.

Hazardous Decomposition Products: Toxic gases (under fire conditions).

Other Recommendations: None

SECTION XI - TOXICOLOGICAL INFORMATION

This product has a low order of toxicity. The oral LD50 of this product is estimated to be greater than 5 g/kg.

SECTION XII - ECOLOGICAL INFORMATION

All surfactants are readily biodegradable. Polymer is likely not biodegradable. The polymer may be toxic to fish (aquatic organisms).

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Recycling is recommended for undiluted scrap product. Do not landfill.

SECTION XIV - TRANSPORT INFORMATION

The finished product is not hazardous under DOT.

SECTION XV - ADDITIONAL REGULATORY INFORMATION

All intentionally-added ingredients in the Mr. Clean AutoDry Soap are listed on the TSCA inventory. No components are affected by Significant New Use Rules (SNURs) under TSCA §5. The Mr. Clean AutoDry device and filter are considered articles under TSCA.

The Mr. Clean Auto Dry kit is not subject to warning labeling under California Proposition 65.

<u>Chemical Name</u>	<u>CERCLA RQ</u>
Sodium Hydroxide	1,000 lbs

SECTION XVI - OTHER INFORMATION

****N/A. - Not Applicable**

****N/K. - Not Known**

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.

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