



The Procter & Gamble Company
P&G Household Care
Fabric & Home Care Innovation Center
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MATERIAL SAFETY DATA SHEET

MSDS #: RQ0700473

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SECTION I - PRODUCT IDENTIFICATION

Identity: Plastic Cleaning Additive

Finished Product

Brands: CASCADE PLASTIC BOOSTER

P&G Telephone Number: 800-765-5516

or call Local Poison Control Center or your physician.

SECTION II - HAZARDS IDENTIFICATION

Potential Health Hazards (Acute and Chronic): (See Section 11 for more information)

Ingestion: Estimated acute oral LD50 (rat) >2g/kg. Low order of toxicity.

Eye Contact: Contact may cause mild, transient irritation.

Skin Contact: Mildly irritating to the skin. Repeated exposures to large amounts of product may cause skin allergy.

Inhalation: Not relevant.

Signs and Symptoms of Exposure:

Ingestion: Mild transient gastrointestinal irritation.

Eye Contact: Eye exposure may produce mild, transient, superficial irritation.

Skin: Skin contact with the product may produce mild, transient, superficial irritation.

Inhalation: Aerosolisation of the product would be difficult however, accidental inhalation of product may produce mild irritation of the respiratory tract.

Medical Conditions Generally Known to be Aggravated by Exposure: None known.

Potential Environmental Effects: (See Section 12 for more information)

SECTION III - COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name: Water, perfume, preservative, bleaching agent and polyacrylic acid.

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Composition Range</u>	<u>LD50/LC50</u>
Polyacrylic Acid	Acrylic Acide Polymer	9003-01-4	1-5%	LD50 >2g/kg
Benzoyl Peroxide	Benzoyl Peroxide	94-36-0	5-10%	LD50 7-10g/kg

SECTION IV – FIRST AID INFORMATION

First Aid Procedures:

Ingestion: If swallowed, do not induce vomiting. Dilute with fluids (milk or water) and treat symptomatically.

Eye Contact: Flush eyes thoroughly with warm water.

Skin Contact: Discontinue use, rinse skin thoroughly with water and apply a cold compress to relieve irritation.

Inhalation: If aerosolised remove from area and treat symptomatically.

Note to Physician: (if applicable) N/A

Other: Consumer product package has the following precautionary statement: KEEP OUT OF REACH OF CHILDREN. Not for hand dishwashing. Avoid prolonged skin contact. Contains Benzoyl Peroxide. Do not spill on fabric. FIRST AID TREATMENT: If in eyes or on skin, rinse well with water. In case of skin irritation or redness, discontinue use of the product. If irritation persists, call a Poison Control Center or doctor.

SECTION V - FIRE FIGHTING INFORMATION

Flash Point (Method Used): N/K

Flammable Properties: Product is non flammable.

Upper Flammable Limit: N/A

Lower Flammable Limit: N/A

Explosive Limits: UEL: N/A LEL: N/A

Auto-ignition Temperature: N/K

Hazardous Combustion Products: May produce poisonous gases in fire.

Explosion Data (Sensitivity to Mechanical Impact): N/A

Explosion Data (Sensitivity to Static Discharge): N/A

Extinguishing Media:

Suitable: Use water only.

Unsuitable: Do not use chemical or CO₂ extinguishers.

Protection of Firefighters:

Specific Hazards Arising from the Material:

Protective Equipment and Precautions for Firefighters:

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear personal protective equipment such as fire resistant gloves, chemical goggles and fire resistant clothing.

Environmental Precautions: Disposal is to be performed in compliance with federal, state/provincial and local regulations. Incinerate product, do not landfill.

Methods for Containment: Spilled product absorbed onto absorbent material is generally acceptable.

Methods for Cleanup: Product may not be disposed in landfills.

Other Information: (if applicable)

SECTION VII – HANDLING AND STORAGE

Precautions To Be Taken in Handling: Keep away from heat.

Precautions To Be Taken in Storage: Keep away from heat and tightly closed.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Benzoyl Peroxide (CAS# 94-36-0) NIOSH REL (for up to a 10-hour workday during a 40-hour work week) is:5 mg/m³ / OSHA Z-1 PEL is:5 mg/m³

Engineering Controls: N/A

Personal Protective Equipment (PPE):

Eye/Face Protection: For splash protection use chemical goggles.

Skin Protection: Protective gloves should be used for any direct contact.

Respiratory Protection: None required with normal use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (color, physical form, shape):

Homogenous white gel with a fruity perfume.

Odor: Perfumed.

Odor Threshold: N/K

Physical State: Homogenous gel

Vapor Pressure (mm Hg): N/K

Vapor Density (Air=1): N/K

Boiling Point: N/K

Partition Coefficient (n-octanol/water):

Volatile Organic Compound (VOC): Not applicable - Product not regulated for VOC Content at State or Federal level.

Flash Point (Method Used): N/K

Solubility in Water: Miscible in water.

Decomposition Temperature: N/K

Evaporation Rate (nBuOAc=1): N/K

Specific Gravity (H₂O=1): 1.00

Melting/Freezing Point: 0⁰C

Reserve Alkalinity: N/A

pH (10% solution): 5.0

SECTION X - STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with heat combustibles.

Incompatible Materials: Avoid contact with heat and combustibles.

Hazardous Decomposition Products: May produce poisonous gases in fire.

Possibility of Hazardous Reactions: Avoid contact with heat.

SECTION XI - TOXICOLOGICAL INFORMATION

This product has a low order of toxicity. Accidental eye exposure may produce transient, superficial irritation (redness, stinging). If in contact with eyes or skin flushing with water is recommended. If large quantities are ingested treat symptomatically.

Chronic Effects: No chronic health effects reported.

Target Organs: No target organs reported.

Carcinogenicity: NTP: No **IARC:** No

SECTION XII - ECOLOGICAL INFORMATION

Under normal and foreseeable uses, there are no concerns for aquatic organisms exposed to product ingredients at the anticipated environmental concentrations. Relevant environmental data have been reviewed and these indicate that the product is compatible with down-the-drain disposal routes, including municipal wastewater treatment processes and septic tank systems. This product is intended for dispersive use and should not be disposed of directly into the environment.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Products covered by this MSDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

Non Household Setting (federal): Product may not be disposed in landfills. Incinerate all product.

Non Household Setting (California): Waste Code 561

Household Use: Product used in household may be disposed of in refuse or in sewer.

SECTION XIV - TRANSPORT INFORMATION

Transportation Information - Products covered by this MSDS, in their original form, are not regulated for transportation

For finished packaged product transported by ground (US DOT): – not regulated

For finished packaged product transported by sea (IMDG) – not regulated

For finished packaged product transported by air (IATA): – not regulated

SECTION XV - REGULATORY INFORMATION

UNITED STATES - FEDERAL

All intentionally-added components of this product are listed on the US TSCA Inventory.

EPA Registration Number: Not Applicable

SARA chemicals: This product contains the following SARA 313/302/304/311/312 chemicals:

SARA 313: Benzoyl Peroxide (CAS#94-36-0) (5-10%)

STATES:

This product is not subject to warning labeling under California Proposition 65.

California Registration Number: Not Applicable.

State Right-to-Know and CERCLA:

The following ingredients present in the finished product are listed on state right-to-know lists or state worker exposure lists:

Ingredient	CAS#	Level	States					CERCLA RQ
Benzoyl Peroxide	94-36-0	5-10%	IL	MA	NJ	PA	RI	N/A

SECTION XVI - OTHER INFORMATION

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

P&G Hazard Rating:	Health:	1	4=EXTREME
	Flammability:	0	3=HIGH
	Reactivity:	0	2=MODERATE
			1=SLIGHT
			0=NOT SIGNIFICANT

*N/A. - Not Applicable

*N/K. - Not Known

Data supplied is for use only in connection with occupational safety and health.

DISCLAIMER: This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

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