

SAFETY DATA SHEET



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Revision Number 2

1. IDENTIFICATION

Product Name Power Hygienic Clean Heavy Duty Original

Product Identifier 90187782_RET_NG

Product Type: Finished Product - Retail

Recommended use Detergent.

Restrictions on use Use only as directed on label.

Details of the supplier of the safety data sheet PROCTER & GAMBLE - Fabric and Home Care Division
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2. HAZARD IDENTIFICATION

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:.

Hazard category

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Eye Damage / Irritation	Category 2A
Signal word	Warning

Hazard statements Causes serious eye irritation
Harmful if swallowed
Causes skin irritation

Hazard pictograms



Precautionary Statements

Wash hands thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves and protective clothing
Wear protective gloves

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
If swallowed:
Rinse with plenty of water
Drink 1 or 2 glasses of water
Call a POISON CENTER or doctor/physician if you feel unwell
IF ON SKIN:
Rinse with plenty of water
If skin irritation occurs: Get medical advice and attention
IF ON SKIN: Wash with plenty of water and soap
If skin irritation or rash occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse

Precautionary Statements - Storage None

Precautionary Statements - Disposal None Dispose of contents/containers in accordance with local regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Chemical name	Synonyms	Trade Secret	CAS No	Weight-%
MEA-C10-13 Alkyl Benzenesulfonate	Benzenesulfonic acid, mono-C10-16-alkyl derivs., compds. with ethanolamine	No	68910-32-7	25 - 30
Propylene glycol	Propylene Glycol	No	57-55-6	15 - 20
MEA-Laureth Sulfate	Ethanol, 2-amino-, compds. with polyethylene glycol hydrogen sulfate C12-15-alkyl ethers	No	162201-45-8	10 - 15
Glycerin	1,2,3-Propanetriol	No	56-81-5	5 - 10
C14-15 Pareth-n	Alcohols, C14-15, ethoxylated	No	68951-67-7	1 - 5
9-Octadecenoic acid (9Z)-, compd. with 2-aminoethanol (1:1)	9-Octadecenoic acid (9Z)-, compd. with 2-aminoethanol (1:1)	No	2272-11-9	0.5 - 1.5
Tetrahydroxylalool	3-Octanol, 3,7-dimethyl-	No	78-69-3	0.1 - 1.0
Protease	Total Protein (Subtilisin)	No	9014-01-1	0.1 - 1.0

Additional information

Actual substance concentrations fall within the ranges stated. Maximum values do not necessarily represent the values present in the formula.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact	Rinse with plenty of water. Get medical attention immediately if irritation persists. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin contact	Rinse with plenty of water. Call a physician if irritation develops and persists. IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
Ingestion	Rinse mouth. Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
Inhalation	Move to fresh air. If symptoms persist, call a physician.

Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, CO2, alcohol-resistant foam or water spray. Water. Dry chemical. Alcohol resistant foam.
Unsuitable Extinguishing Media	None.
Special Hazard	None known.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific hazards arising from the chemical	None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protective equipment as required. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing and eye/face protection.
Advice for emergency responders	Use personal protective equipment as required.
Environmental precautions	Do not discharge product into natural waters without pre-treatment or adequate dilution

Methods and material for containment and cleaning up

Methods for containment	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible products None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines No exposure limits noted for ingredient(s).

No relevant exposure guidelines for other ingredients

Appropriate engineering controls

Engineering Measures **Distribution, Workplace and Household Settings:**
Ensure adequate ventilation

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

Personal Protective Equipment

Eye Protection **Distribution, Workplace and Household Settings:**
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Use appropriate eye protection
Manufacturing Sites:
Wear safety glasses with side shields (or goggles)
No special protective equipment required

Hand Protection **Distribution, Workplace and Household Settings:**
For sensitive skin or prolonged use, wear gloves

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Protective gloves
Manufacturing Sites:
Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion

Skin and Body Protection **Distribution, Workplace and Household Settings:**
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Wear suitable protective clothing

Respiratory Protection

Distribution, Workplace and Household Settings:
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
In case of inadequate ventilation wear respiratory protection

Hygiene Measures

Manufacturing Sites:
Wash hands thoroughly after handling
Distribution, Workplace and Household Settings:
Do not eat, drink or smoke when using this product

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	
Appearance	green white	
Odor	Scented	
Odor threshold	No information available	
<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	7.4	
Melting point / freezing point	No information available	
Initial boiling point and boiling range	> 120 °C / 248 °F	
Flash point	95.5 °C / 203.9 °F	Closed cup.
Evaporation rate	No information available	
Flammability	No information available	
Flammability Limit in Air		
Upper flammability or explosive limits	No information available	
Lower flammability or explosive limits	No information available	
Vapor pressure	No information available	
Relative vapor density	No information available	
Relative density	No information available	
Water solubility	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	.
Decomposition temperature	No information available	.
Viscosity	No information available	
VOC Content (%)	Products comply with US state and federal regulations for VOC content in consumer products.	

10. STABILITY AND REACTIVITY

Reactivity	None under normal use conditions.
Stability	Stable under normal conditions.
Hazardous polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal processing.
Conditions to Avoid	None under normal processing.
Incompatible Materials	None in particular.
Hazardous decomposition products	None under normal use conditions.

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

Inhalation No known effect.
Skin contact Irritating to skin.
Ingestion May be harmful if swallowed. Harmful if swallowed.
Eye contact Causes serious eye irritation. Avoid contact with eyes. Irritating to eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity May be harmful if swallowed.
Skin corrosion/irritation Irritating to skin.
Serious eye damage/eye irritation Causes serious eye irritation.
Skin sensitization No known effect.
Respiratory sensitization No known effect.
Germ cell mutagenicity No known effect.
Reproductive toxicity No known effect.
Developmental toxicity No known effect.
STOT - single exposure No known effect.
STOT - repeated exposure No known effect.
Aspiration hazard No known effect.
Carcinogenicity No known effect.

Component Information

Chemical name	CAS No	Oral LD50	Dermal LD50	Inhalation LC50
Propylene glycol	57-55-6	22000 mg/kg bw (standard acute method, rat)	> 2000 mg/kg bw (fixed dose procedure, rabbit)	-
Glycerin	56-81-5	LD50: 23000 mg/kg, bw. ca. OECD GHS. Species: Mouse	LD50: 45 mL/kg, bw. OECD GHS. Species: Guinea pig	L(Ct)50: 4655, 7 hours, mg/min/L; OECD GHS. Species: Rat
C14-15 Pareth-n	68951-67-7	> 300 - <= 2000 mg/kg	> 2000 - <= 5000 mg/kg	-
Tetrahydrolinalool	78-69-3	8270 mg/kg bw	> 5000 mg/kg bw	> 0.885 mg/L air

12. ECOLOGICAL INFORMATION

ecotoxicity

The product is not expected to be hazardous to the environment.

Persistence and degradability No information available.
Bioaccumulative potential No information available.
Mobility No information available.
Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from Residues/Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.
California Hazardous Waste Codes (non-household setting) 331

14. TRANSPORT INFORMATION

DOT Not regulated
IMDG Not regulated
IATA Not regulated

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

U.S. State Regulations (RTK)

Chemical name	CAS No	New Jersey
Propylene glycol	57-55-6	X
Glycerin	56-81-5	X

Chemical name	CAS No	Massachusetts
Glycerin	56-81-5	X

Chemical name	CAS No	Pennsylvania
Propylene glycol	57-55-6	X
Glycerin	56-81-5	X

California Proposition 65

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

International Inventories

Precautionary Statements - Storage

Keep in a dry place

United States

All intentionally-added components of this product(s) are listed on the US TSCA Inventory

Canada

This product is in compliance with CEPA for import by P&G

Legend

United States Toxic Substances Control Act Section 8(b) Inventory (TSCA)

CEPA - Canadian Environmental Protection Act

16. OTHER INFORMATION

HMIS

NFPA

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Disclaimer.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet