

SAFETY DATA SHEET



Issuing Date: 20-Dec-2023

Revision date 20-Dec-2023

Revision Number 1

1. IDENTIFICATION

Product Name	Tide Professional PGP - A24
Product Identifier	20177277_PROF_NG
Product Type:	Finished Product - Professional
Recommended use	Laundry Care.
Manufacturer	Procter & Gamble Professional 1 P&G Plaza Cincinnati, Ohio 45202 Procter & Gamble Inc. P.O. Box 355, Station A Toronto, ON M5W 1C5 1-800-332-7787
E-mail Address	pgsds.im@pg.com
Emergency Telephone	Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531

2. HAZARD IDENTIFICATION

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

Hazard category

Acute toxicity - Oral
Eye Damage / Irritation
Flammable liquids
Signal word

Category 4
Category 2B
Category 4
Warning

Hazard statements

Causes eye irritation
Harmful if swallowed
Combustible liquid

Physical hazards

Hazard pictograms



Precautionary Statements

Wash hands thoroughly after handling

Do not eat, drink or smoke when using this product
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Keep container tightly closed

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
 In case of fire: Use water, CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal Dispose of contents/container to an approved waste disposal plant. 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/Benzene sulfonic acid, mono-C10-13-alkyl derivs., compds. with ethanolamine	No	68910-32-7	40 - 45
C14-15 Pareth-n	C14-15 Pareth-7	No	68951-67-7	15 - 20
Sodium Lauryl Sulfate	Sulfuric acid, mono-C10-16-alkyl esters, sodium salts/Sulfuric acid, mono-C12-16-alkyl esters, sodium salts	No	68585-47-7	10 - 15
C10-16 Pareth	Alcohols, C10-16, ethoxylated (n=7)	No	68002-97-1	5 - 10
Ethanol, 2-amino-, compds. with polyethylene glycol hydrogen sulfate C12-15-alkyl ethers (EO=2.5)/Ethanol, 2-amino-, compds. with polyethylene glycol hydrogen sulfate C12-15-branched and linear alkyl ethers (.beta.-branching/EO=2.5)	Ethanol, 2-amino-, compds. with polyethylene glycol hydrogen sulfate C12-15-alkyl ethers (EO=2.5)/Ethanol, 2-amino-, compds. with polyethylene glycol hydrogen sulfate C12-15-branched and linear alkyl ethers (.beta.-branching/EO=2.5)	No	162201-45-8	5 - 10
Alcohol	Ethanol (Denaturants Listed Separately)	No	64-17-5	5 - 10
Propylene Glycol	Propylene Glycol	No	57-55-6	1 - 5
Sodium Dodecylbenzenesulfonate	Benzenesulfonic Acid, mono-C10-16-Alkyl Derivs., Sodium Sa	No	68081-81-2	0.5 - 1.5
Butylphenyl Methylpropional	P.T.Bucinal	No	80-54-6	0.1 - 1.0

Protease	Total Protein (FNA Subtilisin)	No	9014-01-1	0.1 - 1.0
Linalool	Linalool	No	78-70-6	0.1 - 1.0
2,2'-Iminodiethylamine	2,2'-Iminodi(ethylamine)	No	111-40-0	0.1 - 1.0
Hexyl Cinnamal	alpha-Hexylcinnamic Aldehyde	No	101-86-0	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 (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention immediately if symptoms occur.

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.

Most important symptoms/effects, acute and delayed

May cause eye irritation

Indication of any immediate medical attention and special treatment needed**Notes to Physician**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable properties

FLAMMABLE LIQUID AND VAPOR

Suitable extinguishing media

In case of fire: Use water, CO₂, dry chemical, or foam for extinction. Dry chemical. Alcohol resistant foam. Carbon dioxide (CO₂).

Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire.

Special Hazard

Fumes may catch fire.

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.

Advice for emergency responders

Use personal protective equipment as required.

Environmental precautions Keep out of waterways
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 product from entering drains. 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 Keep away from open flames, hot surfaces and sources of ignition. 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

Technical measures/Storage conditions Keep away from open flames, hot surfaces and sources of ignition. Store away from other materials.

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a cool/low-temperature, well-ventilated, dry place away from heat and ignition sources.

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
Manufacturing Sites:
Not relevant

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 eye/face protection

Wear safety glasses with side shields (or goggles)

Hand Protection

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

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Protective gloves

Manufacturing Sites:
Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves

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
Wear protective gloves and 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	blue viscous liquid
Odor	Perfumes
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	7.9	
Melting point / freezing point	No information available	
Initial boiling point and boiling range	100 °C / 212 °F	
Flash point	72 °C / 161.6 °F	Closed cup. Product is an aqueous solution containing <=24% alcohol and >=50% water.
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	.?%	

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	Keep away from open flames, hot surfaces and sources of ignition.
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	No known effect.
Ingestion	May be harmful if swallowed. Harmful if swallowed.
Eye contact	Irritating to eyes. Avoid contact with 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	No known effect.
Serious eye damage/eye irritation	Irritating to eyes.
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
MEA-C10-13 Alkyl Benzenesulfonate	68910-32-7	1089 mg/kg (RAT)	5001 mg/kg (RABBIT)	-
C14-15 Pareth-n	68951-67-7	2000 mg/kg (RAT)	5000 mg/kg (RAT)	-
Sodium Lauryl Sulfate	68585-47-7	4010 mg/kg (RAT)	5001 mg/kg (RAT)	-
C10-16 Pareth	68002-97-1	-	5001 mg/kg (RABBIT)	-
Ethanol, 2-amino-, compds. with polyethylene glycol hydrogen sulfate C12-15-alkyl ethers (EO=2.5)/Ethanol, 2-amino-, compds. with polyethylene glycol hydrogen sulfate C12-15-branched and linear alkyl ethers (.beta.-branching/EO=2.5)	162201-45-8	> 5000 mg/kg (Rat)	-	-
Alcohol	64-17-5	10470 mg/kg (RAT)	-	116.9 mg/L (RAT)
Propylene Glycol	57-55-6	22000 mg/kg (RAT)	5001 mg/kg (RABBIT)	50 mg/L (RAT)
Sodium Dodecylbenzenesulfonate	68081-81-2	1.08 g/kg (RAT)	-	-
Butylphenyl Methylpropional	80-54-6	1390 mg/kg (RAT)	5001 mg/kg (RAT)	21 mg/L (RAT)
Protease	9014-01-1	= 3700 mg/kg (Rat)	-	-
Linalool	78-70-6	2790 mg/kg bodyweight (RAT)	5610 mg/kg (RABBIT)	21 mg/L (RAT)
2,2'-Iminodiethylamine	111-40-0	1533 mg/kg (RAT)	1045 mg/kg (RABBIT)	1 mg/L (RAT)
Hexyl Cinnamal	101-86-0	3100 mg/kg (rat)	5001 mg/kg (rabbit)	21 mg/l (rat)

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
Alcohol	64-17-5	X
Propylene Glycol	57-55-6	X

Chemical name	CAS No	Massachusetts
Alcohol	64-17-5	X

Chemical name	CAS No	Pennsylvania
Alcohol	64-17-5	X
Propylene Glycol	57-55-6	X

California Proposition 65

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

International Inventories**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