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Revision Number 1

1. IDENTIFICATION

Product Name Comet Disinfecting Cleaner with Bleach

Product Code(s) 3-40

Product Identifier 92381809_B_PROF_NG

Product Type: Finished Product - Professional

Recommended use Disinfectant.

Restrictions on use Do not mix with other cleaning products or chemicals as irritating fumes may be formed.

Details of the supplier of the safety data sheet 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

Eye Damage / Irritation

Corrosive to metals

Signal word

Category 2B

Category 1

Warning

Hazard statements

Hazard pictograms

Causes eye irritation



Precautionary Statements

Wash hands thoroughly after handling

Keep only in original container

Do not mix with other cleaning products or chemicals as irritating fumes may be formed

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:
Drink 1 or 2 glasses of water
Absorb spillage to prevent material damage

Precautionary Statements - Storage Store in corrosive resistant container

Precautionary Statements - Disposal 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-%
Sulfuric acid, monoethyl ester, sodium salt (1:1)	Sulfuric acid, monoethyl ester, sodium salt (1:1)	Yes	142-31-4	1 - 5
Sulfuric acid monododecyl ester sodium salt (1:1)	Sulfuric acid monododecyl ester sodium salt (1:1)	Yes	151-21-3	1 - 5
Sodium hypochlorite	Hypochlorous acid, sodium salt (1:1)	Yes	7681-52-9	1 - 5

Additional information

Actual concentrations withheld as trade secret in accordance with Canadian HPR

4. FIRST AID MEASURES**Description of first aid measures****Eye contact**

Rinse with plenty of water. Get medical attention immediately if irritation persists.

Skin contact

Rinse with plenty of water. Call a physician if irritation develops and persists.

Ingestion

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

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.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Dry chemical, CO₂, alcohol-resistant foam or water spray.

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.

Advice for emergency responders Use personal protective equipment as required.

Environmental precautions Should not be released into the environment

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.

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. Store in corrosive resistant container.

Incompatible products Do not mix with other cleaning products or chemicals as irritating fumes may be formed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

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

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

Hand Protection **Distribution, Workplace and Household Settings:**

No special protective equipment required

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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	
Appearance	clear light yellow	
Odor	Scented	
Odor threshold	No information available	
<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	13.4	
Melting point / freezing point	No information available	
Initial boiling point and boiling range	No information available	
Flash point	> 93.3 °C / > 200 °F	.
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	1.045	
Water solubility	100%	
Partition coefficient	No information available	
Autoignition temperature	No information available	.
Decomposition temperature	No information available	.
Viscosity	< 10 cps	
Oxidizing properties	These substances will accelerate burning when involved in a fire.	

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 Do not mix with other cleaning products or chemicals as irritating fumes may be formed.

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	No known effect.
Eye contact	Irritating to eyes.

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

Acute toxicity	No known effect.
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
Sulfuric acid monododecyl ester sodium salt (1:1)	151-21-3	977 mg/kg bw (OECD 401)	> 2000 mg/kg bw (OECD 402)	-
Sodium hypochlorite	7681-52-9	-	> 20000 mg/kg bw (OECD 402)	-

12. ECOLOGICAL INFORMATION

ecotoxicity

Harmful to aquatic organisms.

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 Products covered by this SDS, in their original form, when disposed as waste, are corrosive hazardous waste, D002, according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

Contaminated packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Codes 331
(non-household setting)

14. TRANSPORT INFORMATION

DOT

UN number or ID number UN1760
 Proper shipping name Butanols
 Description UN1760, ACETIC ACID SOLUTION (), 8, III
 Transport hazard class(es) 8
 Packing group III
 Packaging Exceptions 154
 Bulk packaging 241
 Non-bulk Packaging 203
 Emergency Response Guide Number 154

IMDG

UN number or ID number UN1760
 UN proper shipping name Corrosive liquid, n.o.s.
 Description UN1760, Corrosive liquid, n.o.s. (), 8, III
 Transport hazard class(es) 8
 Packing group III
 Marine pollutant Marine pollutant
 EmS-No F-A, S-B

IATA

UN number or ID number UN1760
 UN proper shipping name Corrosive liquid, n.o.s.
 Description UN1760, Corrosive liquid, n.o.s. (), 8, III
 Transport hazard class(es) 8
 Packing group III
 Precautionary Statements - Response 8L

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical name	CAS No	Hazardous Substances RQs	Extremely Hazardous Substances RQs	CERCLA/SARA 302 TPQ
Sodium hypochlorite	7681-52-9	100 lb	-	
Sodium hydroxide	1310-73-2	1000 lb	-	

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 contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical name	CAS No	CWA - Reportable	CWA - Toxic	CWA - Priority	CWA - Hazardous
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		Quantities	Pollutants	Pollutants	Substances
Sodium hypochlorite	7681-52-9	100 lb	-	-	X
Sodium hydroxide	1310-73-2	1000 lb	-	-	X

FIFRA

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

EPA Registration number: 3573-77

CAUTION

HARMFUL IF ABSORBED THROUGH SKIN

Causes moderate eye irritation

U.S. State Regulations (RTK)

Chemical name	CAS No	New Jersey
Sodium hypochlorite	7681-52-9	X

Chemical name	CAS No	Massachusetts
Sodium hypochlorite	7681-52-9	X

Chemical name	CAS No	Pennsylvania
Sodium hypochlorite	7681-52-9	X
Sodium hydroxide	1310-73-2	X

Chemical name	CAS No	Rhode Island
Sodium hypochlorite	7681-52-9	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**

Health hazards 2
Flammability 1
Physical hazards 0

NFPA

Health hazards 2
Flammability 1

Instability 0

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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