

SAFETY DATA SHEET



Issuing Date: 14-Apr-2010

Revision Date: 18-Sep-2023

Revision Number 2.03

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name	C-810L
Product Identifier	99401569_PGC_NG
Synonyms	10247034
Supersedes Date:	16-Dec-2015
Recommended use	Production of cutting oils, specialty soaps, and chain terminators. Intermediate.
Uses advised against	Not available.
Details of the supplier of the safety data sheet	The Procter & Gamble Company Procter & Gamble Chemicals 5299 Spring Grove Ave. Cincinnati, OH 45217 United States For Quality Service or Product Related Questions Call: 1-800-477-8899 PGChemMSDS.IM@pg.com For Emergency Contact CHEMTREC: 1-800-424-9300 U.S. and Canada For Calls Originating Elsewhere CHEMTREC: 1-703-527-3887

2. HAZARDS IDENTIFICATION

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

Skin corrosion/irritation	Category 1
Subcategory	Sub-category C
Eye Damage / Irritation	Category 1
Chronic aquatic toxicity	Category 3
Signal word	Danger
Hazard statements	Causes severe skin burns and eye damage Harmful to aquatic life with long lasting effects



Precautionary Statements

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves
Wear protective gloves/protective clothing/eye protection/face protection
Rinse mouth
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
Do NOT induce vomiting
If swallowed:
Remove/Take off immediately all contaminated clothing
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor/physician
Immediately call a POISON CENTER or doctor/physician
Store locked up
Avoid release to the environment

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor/physician

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

Substances

Chemical name	CAS No	Weight-%
Fatty acids, C6-12 (P&GC)	67762-36-1	100

4. FIRST AID MEASURES

Description of first aid measures**General advice**

Take off contaminated clothing and shoes immediately.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin contact

Wash skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Call a physician if irritation develops and persists.

Inhalation

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.

Ingestion

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Main Symptoms

Causes severe skin burns and eye damage.

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

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Dry chemical. Carbon dioxide (CO₂). Alcohol resistant foam.

Extinguishing Media Which Must Not Be Used For Safety Reasons Water.

Special Hazard May emit toxic fumes under fire conditions. Carbon oxides.

Special protective equipment for fire-fighters Wear self-contained breathing apparatus and protective suit.

Protective equipment and precautions for firefighters Avoid breathing dust/fume/gas/mist/vapors/spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear personal protective clothing (see section 8). Evacuate non-essential personnel.

Environmental precautions Do not allow to enter into surface water or drains.

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 Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

7. HANDLING AND STORAGE

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

Storage Conditions Store locked up. Keep container tightly closed. Keep away from sources of ignition - No smoking. Store in acid resistant vessels such as stainless steel, aluminum, or steel coated with resin lining such as Lithcote LC-19 or Kanigen. Store away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Engineering Measures Use with local exhaust ventilation.

Personal Protective Equipment

Eye Protection Tight sealing safety goggles. Wear suitable face shield.

Hand Protection Protective 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 Wear protective gloves and protective clothing.

Respiratory Protection No special protective equipment required.

Thermal hazards	Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use ¹ . Wash hands and face before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	
Form	Liquid	
Color	Water white to Yellow.	
Odor	Musty, rancid	
Property	Values	Remarks
pH	No information available	
Melting point / freezing point	3 - 5 °C / 37.4 - 41 °F	
Initial boiling point and boiling range	330 °C / 626 °F	
Flash point	135 - 145 °C / 275 - 293 °F	
Evaporation rate	Not available	
Upper flammability or explosive limits	Not available	.
Lower flammability or explosive limits	Not available	
Flammability	Not available	
Vapor pressure	< 0.01 hPa	
Relative vapor density	Not available	
Relative density	0.91 g/cm ³	@ 20 °C
Solubility	61.8 - 680 mg/l	@ 20 °C
Partition coefficient	3.1	@ 23 °C
Autoignition temperature	> 250 °C / > 482 °F	
Decomposition temperature	Not available	
Viscosity	8.6 mm ² /s	@ 20 °C
Explosive properties	Not relevant	.
Oxidizing properties	Not available	
Dynamic viscosity	7.5 mPa s	@ 20 °C
Specific gravity	Not available	
Surface tension	28.61 mN/m	@ 20 °C
Dissociation constant (Henry)	5.2 - 5.7	@ 20 °C
Density	No data available	

10. STABILITY AND REACTIVITY

Reactivity	Strong oxidizing agents.
Stability	Stable under normal conditions.
Hazardous Reactions	Hazardous polymerization does not occur.
Conditions to Avoid	Temperatures above 135°C.
Incompatible Materials	Strong oxidizing agents.
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	Causes severe skin burns and eye damage.
Ingestion	No known effect.
Eye contact	Causes severe skin burns and eye damage.

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

Acute toxicity	Not classified.
Skin corrosion/irritation	Causes severe burns.
Serious eye damage/eye irritation	Not classified.
Skin sensitization	Not classified.
Respiratory sensitization	No Data Available.
Germ cell mutagenicity	Not classified.
Reproductive toxicity	Not classified.
Developmental toxicity	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Carcinogenicity	No Data Available.

Component Information

Chemical name	CAS No	Oral LD50	Dermal LD50	Inhalation LC50	Other adverse effects
Fatty acids, C6-12 (P&GC)	67762-36-1	LD50: >2000 mg/kg bw, OECD 401. Read-Across 124-07-2. Species: Rat	LD50: >2000 mg/kg bw, OECD 402. Read-Across 112-05-0. Species: Rat	LC50: 4.1 mg/L, 2 hours, Danish EPA 2004. Read-across 142-62-1. Result: No effects. Species: Mice	

Chemical name	Carcinogenicity	Developmental toxicity	Eye Damage	Mutagenicity	Germ Cell Mutagenicity: Chromosome aberration	Germ Cell Mutagenicity: Ames Test
Fatty acids, C6-12 (P&GC)		(NOAEL: >=1000 mg/kg bw/day, OECD 414, Read-across 111-14-8, Result: No effects, Species: Rat)	In vivo, Read-across 124-07-2. Regulation for the Enforcement of Fed Haz Sub Act (Revised, Fed Reg 1964, Sept 17). Result: Irritating. Species: Rabbit. Observation Period: 72 hours		In vitro, OECD 473. Read-across. Result: No effects. Species: CHL	In vitro, OECD 471. Result: No effects. Species: Salmonella Typhimurium (Salmonella enterica)

Chemical name	Neurological effects	Effects on fertility	Reproductive toxicity	Skin corrosion/irritation	Toxicokinetics, metabolism and distribution	Sensitization
Fatty acids, C6-12 (P&GC)		NOAEL: 1000 mg/kg bw/day, OECD 422. Read-across 112-85-6. Result: No effects. Species: Rat	(NOAEL: >=1000 mg/kg bw/day, 14 days, OECD 422, Read-across 112-85-6, Result: No effects, Species: Rat)	0.5 mL, Duration: 4 hours, OECD 404. Result: Corrosive. Species: Rabbit		

Chemical name	Skin sensitization	STOT - single exposure	STOT - repeated exposure	Aspiration hazard
Fatty acids, C6-12 (P&GC)	LLNA. OECD 406. Read-across category approach. Results: Not sensitizing. Species: Mice		(NOAEL: >=12500 mg/kg bw/day, 84 days, Read-across 112-80-1, Result: No effects, Species: Rat)	

12. ECOLOGICAL INFORMATION

Acute toxicity

Chemical name	CAS No	Fish	Algae/aquatic plants	Crustacea	Toxicity to microorganisms	Toxicity to other organisms
Fatty acids, C6-12 (P&GC)	67762-36-1	LC50: 18.9 mg/L, 96 hours, EPA-660/3-75-009, Read-across 334-48-5, Species: Bluegill (<i>Lepomis macrochirus</i>)	EC50: 15 mg/L, 72 hours, OECD 201, Read-across 334-48-5, Species: Green algae (<i>Pseudokirchneriella subcapitata</i>)	EC50: >20 mg/L, 48 hours, OECD 202, Read-across 334-48-5, Species: Water flea (<i>Daphnia magna</i>)	EC10: 912 mg/L, 18 hours, ISO 10712, Read-across 124-07-2, Species: Soil bacterium (<i>Pseudomonas putida</i>)	-

Chronic Toxicity

Chemical name	CAS No	Toxicity to fish (NOEC or ECx)*	Toxicity to algae (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*	Toxicity to Microorganisms (NOEC or ECx)*	Toxicity to other organisms
Fatty acids, C6-12 (P&GC)	67762-36-1	NOEC: 6.4 mg/L, 28 days, OECD 305 E, Read-across 629-25-4, Species: Zebrafish (<i>Danio rerio</i>)		NOEC: 0.2 mg/L, 21 days, OECD 211, Read-across 334-48-5, Species: Water flea (<i>Daphnia magna</i>)		

Persistence and degradability Readily biodegradable.

Chemical name	CAS No	Ready Biodegradation Test (OECD 301)	Biodegradation Other Tests	Percent degradation (Aerobic biodegradation)	Percent degradation (Aerobic biodegradation-oil)	Percent degradation (Anaerobic biodegradation)
Fatty acids, C6-12 (P&GC)	67762-36-1			62-105%, 30 days, OECD 301D		

Chemical name	CAS No	Abiotic Degradation Hydrolysis	Half-life (Photolysis-aqueous)	Abiotic Degradation Photolysis
Fatty acids, C6-12 (P&GC)	67762-36-1			5.7 - 15.4 hours, C8 to C18, OECD SIDS.

Bioaccumulative potential Non-bioaccumulative.

Chemical name	CAS No	Octanol/water partition coefficient	Bioconcentration factor (BCF)
Fatty acids, C6-12 (P&GC)	67762-36-1	3.1 @ 23 °C	225 L/kg, 28 days

Mobility

Chemical name	CAS No	log Koc	Dissociation constant (Henry)
Fatty acids, C6-12 (P&GC)	67762-36-1	2.05 @ 20 °C	

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Disposal Recommendations

Disposal should be in accordance with applicable regional, national and local laws and regulations. Keep out of drains, sewers, ditches and waterways.

Waste from Residues/Unused Products

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

14. TRANSPORT INFORMATION

IMO product name
Pollution Category

Fatty acids (C8-C10)
Y

Ship Type Ship Type: 2 2

DOT

UN number or ID number	UN3265
Proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
Description	UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(OCTANOIC ACID), 8, III
Transport hazard class(es)	8
Packing group	III
Special Provisions	386, IB3, T7, TP1, TP28
Packaging Exceptions	154
Bulk packaging	241
Non-bulk Packaging	203
Emergency Response Guide Number	153

IMDG

UN number or ID number	UN3265
UN proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
Description	UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(OCTANOIC ACID), 8, III
Transport hazard class(es)	8
Packing group	III
EmS-No	F-A, S-B

IATA

UN number or ID number	UN3265
UN proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
Description	UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(OCTANOIC ACID), 8, III
Transport hazard class(es)	8
Packing group	III
Precautionary Statements - Response	8L

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS**SARA 311/312 Hazard Categories**

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

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).

California Proposition 65

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

U.S. State Regulations (RTK)

This product does not contain any substances regulated by state right-to-know regulations

International Inventories

AIIC	-
Canadian Domestic Substances List (DSL)	-
Canadian Non-Domestic Substances List (NDSL)	Complies
IECSC	Complies
EINECS/ELINCS	Complies
European Inventory of Existing Commercial Chemical Substances (EINECS)	Complies
KECL	Complies
ENCS	-
NZIoC	Complies
PICCS	Complies
Taiwan	Complies
TSCA	Complies

16. OTHER INFORMATION

Issuing Date:	14-Apr-2010
Revision Date:	18-Sep-2023
Revision Note	Not relevant.

HMIS

Health hazards	3
Flammability	1
Physical hazards	0

NFPA

Health hazards	3
Flammability	1
Instability	0

HMIS®: (Hazardous Material Information System)

Disclaimer

The submission of the SDS 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 are for use only in connection with occupational safety and health. The information contained herein has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific product designated herein, and does not relate to use in combination with any other material of any other process. Procter & Gamble assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the controlled product.

End of Safety Data Sheet