

Procter&Gamble

Professional®

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name P&G Pro Line Stainless Steel Polish (60)
Product Code 98668758
Version # 04
Revision date 04-13-2011
Manufacturer Address Procter & Gamble Professional
2 P&G Plaza
Cincinnati
Ohio
45202
US
P&G Telephone Number: 1-800-332-7787
Emergency 24-hr Telephone #: CHEMTREC 1-800-424-9300

2. Hazards Identification

Potential health effects

Routes of exposure Inhalation. Ingestion. Skin contact. Eye contact.

Eyes This product is severely irritating to the eyes.

Skin Irritating to skin.

Inhalation Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Prolonged inhalation may be harmful. May cause delayed lung damage. Causes respiratory tract irritation. Excessive inhalation of this material causes headache, dizziness, nausea and incoordination.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause delayed lung injury. Harmful if swallowed.

Potential environmental effects Considering the limited amount applied during use and the size of the container, the risk of adverse effects is considered small.

3. Composition / Information on Ingredients

Components	CAS #	Percent
ACETONE	67-64-1	10-30
MINERAL SPIRITS	64742-48-9	10-30
PROPANE	74-98-6	10-30
SYNTHETIC ISOPARAFINNIC HYDROCARBON	64742-47-8	10-30
METHYL ACETATE	79-20-9	5-10

4. First Aid Measures

First aid procedures

Eye contact Immediately rinse with water for several minutes. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention.

Skin contact Remove contaminated clothing. Continue to rinse for at least 15 minutes. Get medical attention if irritation develops and persists.

Inhalation Move to fresh air. If breathing stops, provide artificial respiration. Call a physician if symptoms develop or persist.

Ingestion Get medical attention immediately. Do not induce vomiting without advice from poison control center or doctor. Rinse mouth thoroughly. If victim is fully conscious, give a cupful of water. Never give liquid to an unconscious person.

5. Fire Fighting Measures

Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
Flammable properties	Aerosol containers can explode when heated, due to excessive pressure build-up. Vapors are flammable and heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger.
Extinguishing media	
Suitable extinguishing media	Water spray, foam, dry powder or carbon dioxide.
Protection of firefighters	
Protective equipment and precautions for firefighters	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Wear suitable protective clothing. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
Clean-up methods and materials and containment measures	In case of spills, beware of slippery floors and surfaces. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

7. Handling and Storage

Handling	Pressurized container: Do not pierce or burn, even after use. Pressurized container may explode when exposed to heat or flame. Do not use if spray button is missing or defective. Use only in area provided with appropriate exhaust ventilation. Use personal protective equipment as required. Do not get this material in contact with skin or eyes. Wash hands thoroughly after handling. Keep out of reach of children.
Storage	Keep away from heat and sources of ignition. Avoid exposure to long periods of sunlight. Store in cool place. Keep in an area equipped with sprinklers.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value
ACETONE (67-64-1)	STEL	750.0000 ppm
	TWA	500.0000 ppm
METHYL ACETATE (79-20-9)	STEL	250.0000 ppm
	TWA	200.0000 ppm
PROPANE (74-98-6)	TWA	1000.0000 ppm

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
ACETONE (67-64-1)	PEL	2400.0000 mg/m3
		1000.0000 ppm
		200.0000 ppm
METHYL ACETATE (79-20-9)	PEL	610.0000 mg/m3
		1800.0000 mg/m3
		1000.0000 ppm

Engineering controls	Provide adequate ventilation.
Personal protective equipment	
Eye / face protection	If contact is likely, safety glasses with side shields are recommended.
Skin protection	If prolonged or repeated contact is likely, protective gloves are recommended.
Respiratory protection	Not normally needed. In case of inadequate ventilation use suitable respirator.

9. Physical & Chemical Properties

Color	Colorless.
Odor	Solvent. Lemon
Odor threshold	Not available.
Physical state	Liquid.
pH	Not available.
Melting point	Not available.
Freezing point	Not available.
Boiling point	Not available.
Flash point	-4 °F (-20 °C)
Evaporation rate	Not available.
Vapor pressure	100 psi @130 °F
Specific gravity	0.746769 estimated
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available
VOC	Not available.

10. Chemical Stability & Reactivity Information

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Keep away from heat, sparks and open flame.
Hazardous decomposition products	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
Hazardous polymerization	Will not occur.

11. Toxicological Information

Toxicological data

Components

Test Results

SYNTHETIC ISOPARAFINNIC HYDROCARBON (64742-47-8)	Acute Oral LD50 not available
MINERAL SPIRITS (64742-48-9)	Acute Oral LD50 Rat: >= 6 g/kg
ACETONE (67-64-1)	Acute Dermal LD50 Rabbit: 20 mg/kg Acute Inhalation LC50 Rat: 50.1 mg/l 8.00 Hours Acute Oral LD50 Mouse: 3000 mg/kg Acute Oral LD50 Mouse: 5.2 g/kg Acute Oral LD50 Rabbit: 5340 mg/kg Acute Oral LD50 Rat: 5800 mg/kg Acute Other LD50 Mouse: 1297 mg/kg Acute Other LD50 Rat: 5500 mg/kg Acute Inhalation LC50 Rat: > 1442.85 mg/l 15.00 Minutes
PROPANE (74-98-6)	Acute Oral LD50 Rabbit: 3.7 g/kg
METHYL ACETATE (79-20-9)	

Sensitization	Not available.
Chronic effects	Hazardous by OSHA criteria.
Skin corrosion/irritation	Not available.

12. Ecological Information

Environmental effects	Based on ecotoxicity and fate data for the individual ingredients in this specific formulation, and for related consumer household cleaning products formulations, this product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment at relevant environmental concentrations. This product is intended for dispersive use and should not be disposed of directly into the environment.
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13. Disposal Considerations

Waste codes

D001: Waste Flammable material with a flash point <140 F

D003: Aerosol cans, when disposed as waste, are regulated as D003 reactive hazardous waste in some States because of their potential to explode when heated. Check with your State/provincial environmental agency for guidance.

Disposal instructions

This material and its container must be disposed of as hazardous waste. Dispose of this material and its container to hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Dispose of contents/container in accordance with local/regional/national/international regulations.

14. Transport Information

DOT

Basic shipping requirements:

Proper shipping name AEROSOLS, LTD QTY
[may be shipped as a CONSUMER COMMODITY ORM-D through 12/31/2013]
Hazard class 2.1
UN number 1950
ERG number 126

IMDG

Basic shipping requirements:

Proper shipping name AEROSOLS, LTD QTY
Hazard class 2.1
UN number 1950

IATA

Basic shipping requirements:

Proper shipping name AEROSOLS, LTD QTY
Hazard class 2.1
UN number 1950

15. Regulatory Information

US federal regulations

US TSCA Section 12(b) Export Notification: Export Notification requirement/De minimis concentration

METHYL ACETATE (CAS 79-20-9)

1.0 % One-Time Export Notification only.

CERCLA (Superfund) reportable quantity

ACETONE: 5000.0000

PROPANE: 100.0000

METHYL ACETATE: 100.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

State regulations

ILLRTK

Contains no Illinois Right To Know toxic substances.

US - Connecticut Hazardous Material Survey: Listed substance

ACETONE (CAS 67-64-1) LISTED

METHYL ACETATE (CAS 79-20-9) LISTED

US - Massachusetts RTK - Substance: Listed substance

ACETONE (CAS 67-64-1) LISTED

METHYL ACETATE (CAS 79-20-9)	LISTED
PROPANE (CAS 74-98-6)	LISTED
SYNTHETIC ISOPARAFINNIC HYDROCARBON (CAS 64742-47-8)	LISTED

US - New Jersey RTK - Special Hazard: Listed substance

ACETONE (CAS 67-64-1)	SPEC_HAZAROUS
METHYL ACETATE (CAS 79-20-9)	SPEC_HAZAROUS
PROPANE (CAS 74-98-6)	SPEC_HAZAROUS

US - New Jersey RTK - Substances: Listed substance

ACETONE (CAS 67-64-1)	LISTED
METHYL ACETATE (CAS 79-20-9)	LISTED
PROPANE (CAS 74-98-6)	LISTED

US - Pennsylvania RTK - Hazardous Substances: Listed substance

ACETONE (CAS 67-64-1)	LISTED
METHYL ACETATE (CAS 79-20-9)	LISTED
PROPANE (CAS 74-98-6)	LISTED
SYNTHETIC ISOPARAFINNIC HYDROCARBON (CAS 64742-47-8)	LISTED

US - Rhode Island RTK - Hazardous Substances: Listed substance

ACETONE (CAS 67-64-1)	LISTED
METHYL ACETATE (CAS 79-20-9)	LISTED
PROPANE (CAS 74-98-6)	LISTED
SYNTHETIC ISOPARAFINNIC HYDROCARBON (CAS 64742-47-8)	LISTED

Canadian regulations

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Inventory Status

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

HMIS® ratings

Health: 2
Flammability: 4
Physical hazard: 0

NFPA ratings

Health: 2
Flammability: 4
Instability: 0

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.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. 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 product.