

# Procter & Gamble

## Professional<sup>®</sup>

### MATERIAL SAFETY DATA SHEET

#### 1. Product and Company Identification

**Material name** Joy Manual Pot and Pan Detergent - diluted for use per label instructions  
**Product Code** 92197505d  
**Version #** 04  
**Revision date** 06-14-2012  
**Manufacturer** Procter & Gamble Professional  
**Address** 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** Ingestion. Inhalation. Skin contact. Eye contact.  
**Eyes** Health injuries are not known or expected under normal use. Accidental exposure to the eyes may produce a mild but transient irritation.  
**Skin** Health injuries are not known or expected under normal use. Substance does not generally irritate and is only mildly irritating to the skin.  
**Inhalation** Health injuries are not known or expected under normal use.  
**Ingestion** Health injuries are not known or expected under normal use. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**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

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

#### 4. First Aid Measures

##### First aid procedures

**Eye contact** Rinse with water. Get medical attention if irritation develops and persists.  
**Skin contact** Not applicable. If irritation occurs, wear suitable protective gloves.  
**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.  
**Ingestion** Rinse mouth thoroughly. Get medical attention if any discomfort occurs.

#### 5. Fire Fighting Measures

**Environmental precautions** Prevent further leakage or spillage if safe to do so.

##### Extinguishing media

**Suitable extinguishing media** Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

## Protection of firefighters

### Protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

## 6. Accidental Release Measures

### Personal precautions

Not applicable.

### Environmental precautions

Prevent further leakage or spillage if safe to do so.

### Clean-up methods and materials and containment measures

In case of spills, beware of slippery floors and surfaces. Flush with plenty of water to clean spillage area.

## 7. Handling and Storage

### Handling

Use care in handling/storage. Avoid release to the environment.

### Storage

Store in properly labeled containers. Store in accordance with local/regional/national/international regulation.

## 8. Exposure Controls / Personal Protection

### Engineering controls

Provide adequate ventilation.

### Personal protective equipment

#### Eye / face protection

Not normally needed.

#### Skin protection

Not normally needed.

#### Respiratory protection

Not normally needed.

#### General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

### Color

Colorless.

### Odor

Lemon

### Odor threshold

Not available.

### Physical state

Liquid.

### pH

Not available.

### Melting point

Not available.

### Freezing point

32 °F (0 °C)

### Boiling point

212 °F (100 °C)

### Flash point

>= 202 °F (>= 94.4 °C)

### Evaporation rate

Not available.

### Vapor pressure

Not available.

### Specific gravity

1

### Solubility (water)

Not available.

### Partition coefficient (n-octanol/water)

Not available

### VOC

0.002730242 % estimated

### Percent volatile

99.980376758 % estimated

## 10. Chemical Stability & Reactivity Information

### Chemical stability

This is a stable material.

### Conditions to avoid

None known.

### Hazardous decomposition products

No hazardous decomposition products are known.

### Hazardous polymerization

Will not occur.

## 11. Toxicological Information

<b>Sensitization</b>	Not available.
<b>Chronic effects</b>	Not available.
<b>Skin corrosion/irritation</b>	Not available.

## 12. Ecological Information

<b>Environmental effects</b>	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

<b>Disposal instructions</b>	This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.
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## 14. Transport Information

### DOT

#### Basic shipping requirements:

<b>Proper shipping name</b>	Environmentally hazardous substances, liquid, n.o.s.
<b>Hazard class</b>	9
<b>UN number</b>	UN3082
<b>Packing group</b>	III
<b>Marine pollutant</b>	Yes

#### Additional information:

<b>Special provisions</b>	8, 146, 335, IB3, T4, TP1, TP29
<b>Packaging exceptions</b>	155
<b>Packaging non bulk</b>	203
<b>Packaging bulk</b>	241
<b>ERG number</b>	171

### IMDG

#### Basic shipping requirements:

<b>Proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., MARINE POLLUTANT
<b>Hazard class</b>	9
<b>UN number</b>	3082
<b>Packing group</b>	III
<b>EmS No.</b>	F-A, S-F
<b>Marine pollutant</b>	Yes

### IATA

#### Basic shipping requirements:

<b>Proper shipping name</b>	Environmentally hazardous substance, liquid, n.o.s.
<b>Hazard class</b>	9
<b>UN number</b>	3082
<b>Packing group</b>	III
<b>Additional information:</b>	
<b>ERG code</b>	9L

## 15. Regulatory Information

<b>US federal regulations</b>	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
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### CERCLA (Superfund) reportable quantity

None

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** Yes

## State regulations

### ILLRTK

Contains no Illinois Right To Know toxic substances.

**US - Illinois Chemical Safety Act: Listed substance**

**US - Massachusetts RTK - Substance: Listed substance**

Contains no Massachusetts Right To Know substances.

**US - New Jersey Community RTK (EHS Survey): Listed substance**

**US - New Jersey RTK - Hazardous substance**

**US - New Jersey RTK - Special Hazard: Listed substance**

Contains no New Jersey Right To Know special hazards.

**US - New Jersey RTK - Substances: Listed substance**

Contains no New Jersey Right To Know Substances

**US - Pennsylvania RTK - Hazardous Substances: Listed substance**

Contains no Pennsylvania Right To Know hazardous substances

**US - Rhode Island RTK - Hazardous Substances: Listed substance**

Contains no Rhode Island Right To Know hazardous substances.

## 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: 0  
Flammability: 1  
Physical hazard: 0

### NFPA ratings

Health: 0  
Flammability: 1  
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.