

Panerrific Gold

Liquid Pot & Pan Detergent

UNI-KEM CHEMICALS, INC

802 Wm. Leigh Drive
Tullytown, PA 19007
Phone—800-752-1120
Fax—215-269-9855

GENERAL DESCRIPTION: Panerrific Gold is a superior, high sudsing, liquid detergent. Panerrific Gold is especially formulated with the heavy duty cleaning ability necessary for the hand washing of soiled pots and pans. Panerrific Gold's spot free rinsing characteristics also make it an excellent detergent for use on dishes, glasses, silverware, and equipment. Panerrific Gold holds its' suds and cleaning power while soaking dishes clean. Dishes washed in Panerrific Gold is economical, easy to use, and is completely biodegradable.

PHYSICAL PROPERTIES:

| | |
|----------------------------|---|
| Chemical Composition | Foam builders and stabilizers, grease cutting agents, pH neutralizers, water conditioning agents. |
| Appearance | Clear Amber liquid |
| pH | 7 (neutral) |
| pH of 1% solution..... | 7 |
| Specific Gravity | 1.03 (8.6 lbs/gal) |
| Stability..... | 1 year @ Ambient Temperature |
| Wetting Ability | Excellent |
| Biodegradable..... | Yes |
| Foaming | Excellent, Stable |
| Rinsing..... | Complete |
| Solubility | Complete |

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.



DIRECTIONS FOR USE:

First scrape and remove as much solid food and waste as possible. Wash dishes and pans in recommended dilution of Panerrific Gold. Rinse thoroughly in clear, hot water.

Dishes: Use 1 oz Panerrific Gold to 4 gallons water.

Pots & Pans: Dilute 1 oz. to 2 gallons water.

Heavy Duty Cleaning: Use 2 ozs. to 4 gallons water.

HANDLING PRECAUTIONS:

CAUTION: WARNING

KEEP OUT OF REACH OF CHILDREN

Do not take internally. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flood with water if splashed in eyes. Flush with water for 15 minutes and consult physician immediately. If ingested, drink large amounts of milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT INDUCE VOMITING. Obtain prompt medical attention.

PACKAGING:

4/1 gal plastic bottles—35 lbs net/38 lbs gross
5 gal plastic pail—43 lbs net/46 lbs gross

Code: PAG

SAFETY DATA SHEET

Issuing Date 07-Aug-2013

Revision Date 07-Aug-2013

Revision Number 0

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

GHS product identifier

Product Name PANERRIFIC GOLD

Other means of identification

Product Code(s) PAG

Synonyms PAG

Recommended use of the chemical and restrictions on use

Recommended Use Institutional liquid dish detergent

Uses advised against No information available

Supplier's details

Supplier Address
Uni-Kem Chemicals, Inc.
802 Wm. Leigh Drive
Tullytown, PA
19007
TEL: 800-752-1120

Emergency telephone number

Emergency Telephone Number CHEM-TEL, INC.
24 Hour Emergency Contact 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word None

The product contains no substances which at their given concentration are considered to be hazardous to health

Appearance Amber Physical State Liquid. Odor No information available

Precautionary Statements

Prevention

- None

General Advice

- None

Storage

- None

Disposal

- None

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other information

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS**Synonyms**

PAG

| Chemical Name | CAS-No | Weight % | Trade secret |
|---------------|-------------|----------|--------------|
| Trade Secret | Proprietary | 5-15 | * |

**The exact percentage (concentration) of composition has been withheld as a trade secret.*

4. FIRST AID MEASURES**Description of necessary first-aid measures**

| | |
|---------------------|---|
| Eye Contact | Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur. |
| Skin Contact | Wash off with warm water and soap. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician. |
| Inhalation | Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician. |
| Ingestion | Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If swallowed, seek medical attention. |

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media None

Specific Hazards Arising from the Chemical

No information available

Explosion Data**Sensitivity to Mechanical Impact**

None.

Sensitivity to Static Discharge

None

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures**Personal Precautions**

Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Stop leak if you can do it without risk. If spilled, take caution, as material can cause surfaces to become very slippery.

Environmental Precautions**Environmental Precautions**

Dispose of contents/container to an approved waste disposal plant. Avoid release to the environment. See Section 12 for additional Ecological Information

Methods and materials for containment and cleaning up**Methods for Containment**

Stop leak if you can do it without risk

Methods for Cleaning Up

Contain spill, dilute with water and neutralize as required. Wash away small spills with plenty of water. Large spillage: Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Precautions for safe handling**Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Use only in area provided with appropriate exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Do not take internally. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities**Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep container closed when not in use.

Incompatible Products

Strong oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters**Exposure Guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls**Engineering Measures**

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

| | |
|---------------------------------|--|
| Eye/Face Protection | Safety glasses with side-shields. |
| Skin and Body Protection | Not usually necessary |
| Respiratory Protection | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. |
| Hygiene Measures | Handle in accordance with good industrial hygiene and safety practice. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|--------------------------|-----------------------|--------------------------|
| Physical State | Liquid | Appearance | Amber |
| Odor | No information available | Odor Threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks/ - Method</u> |
|--|---------------------|--------------------------|
| pH | 7.5 | None known |
| Melting Point/Range | No data available | None known |
| Boiling Point/Boiling Range | > 100 °C / > 212 °F | None known |
| Flash Point | No data available | None known |
| Evaporation rate | No data available | None known |
| Flammability (solid, gas) | No data available | None known |
| Flammability Limits in Air | | |
| upper flammability limit | No data available | |
| lower flammability limit | No data available | |
| Vapor Pressure | No data available | None known |
| Vapor Density | No data available | None known |
| Relative Density | No data available | None known |
| Specific Gravity | 1.019 | None known |
| Water Solubility | 100% | None known |
| Solubility in other solvents | No data available | None known |
| Partition coefficient: n-octanol/water | No data available | None known |
| Autoignition Temperature | No data available | None known |
| Decomposition Temperature | No data available | None known |
| Viscosity | 1000 cps | None known |

| | |
|-----------------------------|-------------------|
| Flammable Properties | Not flammable |
| Explosive Properties | No data available |
| Oxidizing Properties | No data available |

Other information

| | |
|------------------------|-------------------|
| VOC Content (%) | No data available |
|------------------------|-------------------|

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Incompatible products.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

| | |
|--------------|------------------|
| Inhalation | No known effect. |
| Eye Contact | No known effect. |
| Skin Contact | No known effect. |
| Ingestion | No known effect. |

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---------------|---------------------|---------------------|-----------------|
| Trade Secret | = 530 mg/kg (Rat) | = 530 mg/kg (Rat) | - |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Delayed and immediate effects and also chronic effects from short and long term exposure

| | |
|-------------------|--|
| Sensitization | No information available. |
| Mutagenic Effects | No information available. |
| Carcinogenicity | Contains no ingredient listed as a carcinogen. |

| | |
|--------------------------|---------------------------|
| Reproductive Toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Aspiration Hazard | No information available. |

Numerical measures of toxicity - Product**Acute Toxicity**

The following values are calculated based on chapter 3.1 of the GHS document:

| | |
|-------------|-------------------------------------|
| LD50 Oral | 3617 mg/kg; Acute toxicity estimate |
| LD50 Dermal | 3948 mg/kg; Acute toxicity estimate |

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|---------------|-------------------|--|----------------------------|---------------------------------------|
| Trade Secret | | LC50 96 h: = 3 mg/L static (Oncorhynchus mykiss) | EC50 = 5 mg/L 6 h | EC50 48 h: = 2.9 mg/L (Daphnia magna) |

Persistence and Degradability No information available.

Bioaccumulation No information available.

| Chemical Name | Log Pow |
|---------------|---------|
| Trade Secret | 2 |

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods Dispose of in accordance with federal, state, and local regulations

Contaminated Packaging Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute Health Hazard | No |
| Chronic Health Hazard | Yes |
| Fire Hazard | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard | No |

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).

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.

U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

U.S. State Right-to-Know Regulations

"X" designates that the ingredients are listed on the state right to know list.

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|---------------|------------|---------------|--------------|----------|--------------|
| Cocamide dea | | | | X | |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

| | | | | |
|-------------|-----------------|----------------|-------------------|---------------------------------|
| <u>NFPA</u> | Health Hazard 0 | Flammability 0 | Instability 0 | Physical and Chemical Hazards - |
| <u>HMIS</u> | Health Hazard 0 | Flammability 0 | Physical Hazard 0 | Personal Protection X |

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General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet

