
Safety Data Sheet

PG I /PG II Calibrator

1. Product and Company Identification

Name: **PG I /PG II Calibrator 6 concentration/Set**

Manufacturer's name: UMA Co.,Ltd.

Address: 2-19-6, Yokosuka, Matsudo, Chiba, 270-0031, Japan

TEL: +81-47-710-4871

FAX: +81-47-710-4872

2. Composition information on ingredients

HEPES	50mM
NaCl	0.15M
Sodium azide	0.09%

3. Hazard Identification

* Acute toxicity; Oral	Not Categorized
* Acute toxicity; Dermal	Not Categorized
* Acute toxicity; Inhalation/Vapor	Not Categorized
* Acute toxicity; Inhalation/Gas	Not Applicable
* Acute toxicity; Inhalation/Dust and Mist	Not Categorized
* Skin corrosion/irritation	Not Categorized
* Eye damage/ Eye irritation	Not Categorized
* Respiratory sensitization: Solid/Liquid	Not Categorized
* Respiratory sensitization: Gas	Not Classifiable
* Skin sensitization	Not Categorized
* Germ cell mutagenicity	Not Categorized
* Carcinogenicity	Not Categorized
* Reproductive toxicity	Not Categorized
* Effects on or via lactation	Not Classifiable
* Specific Target; Organ/Systemic	Not Classifiable
* Specific Target; Organ/Systemic Toxicity	Not Classifiable
* Aspiration hazard	Not Categorized
* Hazard to the aquatic environment; Acute	Not Categorized
* Hazard to the aquatic environment; Chronic	Not Categorized

* Precautionary Statement

- 1.Wash hand and gargle mouth thoroughly after handling.
- 2.If in eyes, rinse cautiously with water for several minutes and get medical attention
- 3.If on skin, wash with plenty of soap and water and get medical attention
- 4.Close container tightly and store indoor and away from heat and rain
- 5.Keep reach out of children
- 6.Content should be used up before disposal of container
- 7.Container/content should be disposed in accordance with local, regional and national regulation

4. First Aid Measures

* Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration.

If breathing is difficult, give oxygen. Call a physician.

* Skin Contact

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a Physician.

* Eye Contact

In case of eye contact, flush with copious amounts of water for at least 15 minutes. Assure

adequate flushing by separating the eyelids with fingers. Call a Physician.

* Ingestion

If ingested, wash out mouth with water. Call a physician.

5. Fire fighting measures

* Extinguishing Media Not to be Used

Not applicable

* Products of Combustion

Due to the nature and volume of this product, the type and amount of combustion products are negligible.

* Special Exposure Hazards

No special hazards determined.

* Protective Equipment for Firefighters

Self-contained breathing apparatus is recommended for firefighters.

6. Accidental Release Measures

* Personal Precaution

Avoid in haling, ingestion, and contact with eyes and skin. Isolate hazard area and deny entry. Keep unnecessary people away.

* Clean-Up methods

Render spilled materials manageable for clean-up using an appropriate, inert, non-flammable absorbent material. Dispose according to local regulations.

7. Handling and Storage

* Storage Condition

Keep only in the container in at 4°C

* Handling Precautions

Avoid inhaling, ingestion, and contact with eyes and skin.

Universal precautions should be followed when using this product.

8. Exposure Controls/Personal Protection

* Respiratory Protection

General room ventilation is satisfactory for normal usage.

In case of insufficient ventilation, wear suitable respiratory equipment.

* Hands Protection

Wear suitable gloves.

* Eye Protection

Wear eye/face protection

* Skin protection

Wear suitable protective clothing

9. Physical and Chemical Properties

* Appearance

Physical State

Nonflammable aqueous solution

Color Density

No data available

Color

colorless

* Odor

odorless

* Flash Point

Not Applicable

* Percent Volatiles

Not Applicable

* Evaporation Rate

Not Applicable

* Melting Point

No data available

* Boiling Point

No data available

* Vapor Pressure

No data available

* Solubility

Water/Miscible

* Ignition Point

No data available

* Decomposition Temperature

No data available

* Density	1.0022	
10. Stability and reactivity		
* Conditions to Avoid	Refer to " Storage Conditions" in section 7.0 for greater detail.	
* Hazardous Decomposition Materials	When stored as labeled, no known hazardous decomposition product are formed during the self-life of this product.	
* Stability	Stable under 4°C.	
11. Toxicological information		
*Health Hazard Information on Ingredient		No Hazardous information
12. Ecological information		
*Aqueous Milieu Hazard Information on Ingredient		No Hazardous information
13. Disposal Considerations		
* Waste Disposal	Determine whether the waste from spill clean-ups, expired or excess reagents is hazardous waste in according with applicable regulations. If it is hazardous waste, it must be disposed of according to applicable federal, state and local laws and regulations.	
14. Transport information		
* General information	Follow general instructions described in the "Precautions on Handling and Storage" Transportation must be done in accordance with the appropriate regulations in case this product.	
* Ground Transportation	falls under a category of regulation such as Fire Service, Industrial Safety and Health Low,etc.	
* Marine Transportation	Comply stipulation of appropriate maritime regulations.	
* Air Transportations	Comply stipulation of appropriate air transportation regulations.	
* UN number	Not Applicable	
15. Regulatory information		
Industrial Safety and Health Law, Ordinance on Prevention of Organic		Not Contain
PRTR,Fire Service Law, Ship Safety Law, Aviation Law		Not Contain
16. Other information		
* For further information, please contact our company.		