

## MATERIAL SAFETY DATA SHEET

### SECTION I- PRODUCT IDENTIFICATION

Name	:	Portakleen
Dot Class	:	Non Regulated
Un Number	:	Na.
Proper Shipping Name	:	Na.

### HMIS RATING

HEALTH	FIRE	REACTIVITY
1	0	0

### SECTION II- INGREDIENTS

ALL COMPONENTS APPEAR ON THE TSCA INVENTORY-COMPONENT NOT LISTED ARE EITHER NON HAZARDOUS OR IN CONCENTRATIONS OF LESS THAN 1%.

INGREDIENT NAME	CAS NUMBER	%	OSHA PEL	ACGIH TLV/TWA
Viable Bacterial cultures	NA	< 1	NA	NA
Water	7732-18-5	80-90	NA	NA
Ethoxylated linear alcohol	78330-21-9	1-3	NA	NA
Alkoxyated linear alcohol	68987-81-5	2-5	NA	NA
Sodium Nitrate	7631-99-4	12-15 W/V	NA	NA
Fragrance	NA	2-4	NA	NA

### SECTION III PHYSICAL CHARACTERISTICS

Boiling Point	: 100C	Appearance & Odor	: Blue Concentrated liquid, cherry fragrance
Specific Gravity	: Approximately 1	Melting Point	: NA
pH	: 7.5 - 9.0	Vapour Density	: Equivalent to water
Vapour Pressure	: Equivalent to water	Solubility	: Complete

### SECTION IV- FIRE/EXPLOSION

Flash Point	Na
Flash Point Method Used	Na
Lel	Na
Uel	Na

**Extinguishing Media:** Water spray, carbon dioxide and dry chemical powder.

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** None known.

## SECTION V- REACTIVITY DATA

Stable	:	X
Unstable	:	
Incompatibility: Not Known		
Hazardous Decomposition or By Products	:	Not Known
Hazardous Polymerization	:	Will not Occur.

## SECTION VI- HEALTH HAZARD DATA

### Acute Health Affects.

Routes of Entry	Inhalation: No	Absorption: Yes	Ingestion: Yes	Eyes: Yes
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**Eyes:** This product may cause eye irritation

**Skin Contact:** Could cause mild skin irritation after prolonged contact.

**Inhalation:** Inhaling mist from this product could cause irritation to the lungs and mucus membranes.

**Ingestion:** Ingestion may result in abdominal pain, nausea and vomiting.

**Conditions to avoid:** Strong acids or alkali compounds may inactivate biological cultures.

**Signs and symptoms of Over Exposure:** None Known.

**Aggravated Medical Conditions:** None known, however persons with respiratory problems should avoid breathing any mist from this product.

### Emergency First Aid Procedures

**Eye Contact:** Rinse eyes with water for fifteen minutes, if irritation persists, see a physician.

**Inhalation:** Move person to fresh air and avoid breathing mist from product. If breathing problem develops, seek the care of a physician.

**Skin Contact:** Wash the product off the skin with soap and water: if irritation develops seek the care of a physician.

**Ingestion:** Watch victim for any sign of illness, induce vomiting only if advised by a physician.

## SECTION VII- SPILL OR LEAK PROCEDURE

### Steps to be taken in case material is spilled or leaked:

**Waste Disposal Method:** Contain and collect material, place in proper container for reuse or disposal. Dispose of material in accordance with all federal, state and local laws.

**Precaution To Be Taken In Handling and Storage:** Store in a location away from children, food items and potable water.

Store in an area out of the direct sunlight, keep container closed when not in use, avoid storing in a damp environment.

Always wash hands with soap and water before handling food or smoking.

**Other Precautions:** None.

## **SECTION VIII- CONTROL MEASURES (PPE)**

**Respiratory Protection:** None required for normal use.

**Protective Gloves:** Recommended. Disposable nitrile exam gloves are suitable for preventing prolonged contact with the skin.

**Eye Protection:** Safety glasses with side shields or splash goggles are recommended.

**Other Protective Clothing:** None required, however, avoid prolonged contact with the skin from soiled clothing.

**Ventilation:** Local exhaust should be sufficient. If used in a manner that creates a mist, mechanical ventilation may be necessary.

The information and recommendations contained in this Material Safety Data Sheet has been compiled from sources believed to be reliable and to represent current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine it's environmental regulatory compliance obligations under any applicable federal, state and local laws.