

# Product Specification & SAFETY DATA SHEET (EC 648/2004)

## 1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Revision Date: 1-Mar-10

Urine Off Bio-Enzymatic Bathroom Cleaner

Product Code: Bathroom

Mfg. by: **Bio-Pro Research, LLC**, 1701 Biotech Way, Sarasota, FL 34243 USA, Phone (1) 941-358-9609  
Emergency Call (1) 941-358-9609, EU Product Manager

**Emergency Action:** In the event of a medical emergency, contact your doctor or local hospital emergency department, who may seek advise from our EU Product Manager where the full substance details are held.

**Product Description:** Urine Off is a bio-enzymatic Bathroom Cleaner that removes urine deposits from all bathroom surfaces including Walls, fixtures, and floors. It is generally applied by spray application.

**Directions for use:** Apply to all bathroom surfaces including fixtures, walls, floors, and partitions. Scrub with brush for maximum effectiveness. Allow time to work. Rinse with clean water to remove residues. Repeat application on old, heavy deposits.

**ALWAYS TEST AREA TO BE CLEANED FOR COLOR FASTNESS BEFORE PROCEEDING!**

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>EINCS NO.</u>	<u>Risk</u>	<u>% (EC Range)</u>
Water	7732-18-5	None	None	More than 30%
Non-ionic surfactant	68439-46-3	Polymer	Xi - R36/37/38	Less than 5%
Also contains Preservative: Benzisothiazolinone	2634-33-5			Less than 1%
Perfumes: Contains perfumes	None			Less than 1%
Also contains enzymes and viable biological cultures	None	None		Less than 1%

## 3. HAZARDS IDENTIFICATION

Irritant - irritating to eyes.  
Contains enzymes. May produce an allergic reaction in rare circumstances.

## 4. FIRST AID MEASURES

**Eyes:** Rinse immediately with copious amounts of water, holding eyelids open. Seek medical advice if irritation persists.  
**Inhalation:** Remove from source of exposure.  
**Skin:** Wash thoroughly with soap and water.  
**Ingestion:** Remove product from mouth, drink large quantities of water or milk and seek medical advise if discomfort persists.

## 5. FIRE FIGHTING MEASURES

NON-FLAMMABLE - In the event of a fire due to other causes, the product is compatible with water, foam, carbon dioxide, and dry chemical extinguishers.

## 6. ACCIDENTAL RELEASE MEASURES

Absorb with absorbent material and dispose of in commercial waste or hose away with plenty of water into wastewater drain (foul sewer).

## 7. HANDLING AND STORAGE

Avoid contact with eyes, Do not mix with other chemicals. Store in original container. Avoid heat.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**Hand:** Personal protection is not normally required unless a risk assessment indicates the need for it.  
**Eyes:** Personal protection is not normally required unless a risk assessment indicates the need for it.  
**Skin:** Personal protection is not normally required unless a risk assessment indicates the need for it.  
**Respiration:** Personal protection is not normally required unless a risk assessment indicates the need for it.

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b>	White cloudy liquid	<b>Odour:</b>	Citrus
<b>pH:</b>	6.0 - 8.5	<b>Boiling Point °C:</b>	100
<b>Density:</b>	.95 -1.10 gm/cm <sup>3</sup>	<b>Flash Point °C:</b>	None
<b>Flammability:</b>	Not applicable	<b>Explosive:</b>	Not Applicable
<b>Oxidation:</b>	Not applicable	<b>Vapor pressure:</b>	Not determined

<b>Solubility:</b>	100% in water	<b>Partition coefficient:</b>	Not determined
<b>Viscosity:</b>	1-6 cps	<b>Vapor Density:</b>	Not determined
<b>Evaporation Rate:</b>	As water		

#### **10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable	<b>Hazardous Decomposition:</b>	None known if stored in approved guidelines.
<b>Conditions to avoid:</b>	Temperature Extremes / Strong Acids and Alkalis		

#### **11. TOXICOLOGICAL INFORMATION**

<b>Eyes:</b>	Irritant	<b>Inhalation:</b>	Mild irritant
<b>Skin:</b>	Unlikely to be irritant in normal use, but could cause redness in prolonged direct contact by sensitized individuals.	<b>Ingestion:</b>	Mild irritant

#### **12. ECOLOGICAL INFORMATION**

When used for its intended purpose, this product should not cause adverse effects in the environment.

#### **13. DISPOSAL CONSIDERATIONS**

For small quantities, dilute with water and dispose of in a wastewater drain (foul sewer). Rinse out container and recycle or dispose in commercial waste. For large quantities, collect and reuse or dispose of in accordance with local ordinances.

#### **14. TRANSPORT INFORMATION**

EEC Regulation:	Not regulated	RID/ADR	Not regulated
IMDG/UN:	Not regulated	ICAO/IATA	Not regulated
Canada TGD	Not Regulated		

#### **15. REGULATORY INFORMATION:**

WHMIS: Not regulated

Hazard symbol:	Xi	IRRITANT
Risk Phrases:	R36	Irritating to Eyes Contains enzymes. May produce an allergic reaction.
Safety Phrases:	S2	Keep out of reach of children
	S25	Avoid contact with eyes
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.

#### **16. Other information**

The information given is intended to be of assistance to users and, while believed to be accurate is not guaranteed. Application and situation variance can affect results. Users are encouraged to conduct their own trials. Suggestions rendered neither give nor imply guarantees for intended use.

Text of phrases associated with ingredients in section 2:

R36 Irritating to eyes

HMIS RATING	HMIS INDEX	PERSONAL PROTECTION INDEX
Health: 1	0 = Least	A = Goggles
Flammability: 0	1 = Slight	B = Goggles and Gloves
Reactivity: 0	2 = Moderate	C = Goggles, Gloves, Apron
Personal Protection: X	3 Serious	x = No Special Protection Required
	4 = Severe	