



# CITRO GEL

PRODUCT LABEL AND DATA SHEET

PRODUCT CODE: BAAPGE



Citro Gel is a citrus fragranced gel which cleans and deodorizes all in one. It is effective on areas that need to be cleaned and deodorized simultaneously.



- Citrus Fragrance
- High Concentration
- Disinfects As It Cleans
- Safe On All Painted Surfaces
- Areas Of Use Include Changing Rooms, Ablution Blocks And Rest Rooms

Colour: Orange  
Appearance: Liquid  
pH: 7.0 - 8.0

Density: 1.00 Kg/Lt  
Packaging: 500ml, 1Lt, 5Lt; 25Lt Containers



## METHOD OF APPLICATION

Apply Citro Gel with a cloth to the area to be cleaned. Add some water. Agitate and rinse or use diluted. Use brush, broom or mop to agitate.

## DILUTION RATIO

1:20 with hot or cold water



## IF INGESTED, SEEK MEDICAL ATTENTION

Eyes: Rinse with water. Seek medical care.  
Ingestion: Drink water. Seek medical care.  
Skin: Wash contact area with soap and water.  
Inhalation: Remove patient to fresh air.

**IMPORTANT:** Always keep product out of children's reach. Ensure that the product lid remains closed and tightened at all times. Keep away from extreme heat and naked flame.

**WE DO NOT ACCEPT LIABILITY FOR CLAIMS OF ANY KIND FOR ANY LOSS INCLUDING, WITHOUT LIMITATION, CONSEQUENTIAL LOSS, INJURY OR DAMAGE ARISING FROM THE USE OF THE PRODUCTS WHICH ARE THE SUBJECT MATTER HEREOF.**

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# SAFETY DATA SHEET

## Section 1. Identification

GHS product identifier : CITRO GEL  
Product code : BAAPGE

### Identified uses

REFER TO TECHNICAL DATA SHEET

## Section 2. Hazards identification

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** : Xi; R36  
**Physical/chemical hazards** : No known significant effects or critical hazards.  
**Human health hazards** : Irritating to eyes.  
**Environmental hazards** : No known significant effects or critical hazards.  
**See section 11 for more detailed information on health effects and symptoms.**

## Section 3. Composition/information on ingredients

**Chemical characterization** : Aqueous mixture

Ingredient name	CAS number	%	EC number	Classification
Anionic detergent		<10		Xn; R22
2-Aminoethanol	141-43-5	<5	205-483-3	Xn; R20 Xi; R36/37/38

See section 16 for the full text of the R-phrases declared above

Occupational exposure limits, if available, are listed in section 8.

## Section 4. First aid measures

**Inhalation** : Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Ingestion** : Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Skin contact** : Flush contaminated skin with plenty of water. Get medical attention if irritation develops.

**Eye contact** : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

**See section 11 for more detailed information on health effects and symptoms.**

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable** : Use an extinguishing agent suitable for the surrounding fire.  
**Not suitable** : None known.

**Special exposure hazards** : No specific hazard.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

<b>Personal precautions</b>	: Use suitable protective equipment.
<b>Environmental precautions</b>	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
<b>Methods for cleaning up</b>	: For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

## Section 7. Handling and storage

<b>Handling</b>	: Wash thoroughly after handling.
<b>Storage</b>	: Keep container tightly closed. Keep container in a cool, well-ventilated area.
<b>Packaging materials</b>	
<b>Recommended</b>	: Use original container.

## Section 8. Exposure controls/personal protection

<b>Ingredient name</b>	<b>Occupational exposure limits</b>
2-Aminoethanol	<b>ACGIH (United States).</b> TWA: 7.5 mg/m <sup>3</sup> STEL: 15 mg/m <sup>3</sup> TWA: 3 ppm STEL: 6 ppm <b>ACGIH TLV (United States, 1/2004).</b> STEL: 15 mg/m <sup>3</sup> 15 minute/minutes. Form: All forms STEL: 6 ppm 15 minute/minutes. Form: All forms TWA: 7.5 mg/m <sup>3</sup> 8 hour/hours. Form: All forms TWA: 3 ppm 8 hour/hours. Form: All forms
<b>Occupational exposure controls</b>	: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.
<b>Respiratory protection</b>	: A respirator is not needed under normal and intended conditions of product use.
<b>Hand protection</b>	: No special protective clothing is required.
<b>Eye protection</b>	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
<b>Skin protection</b>	: No special protective clothing is required.

## Section 9. Physical and chemical properties

### General information

#### Appearance

**Physical state** : Liquid. (Gel.)

**Color** : Orange

**Odor** : Citrus

**Odor threshold** : The lowest known value is 4 ppm (Anionic detergent)

### Important health, safety and environmental information

**pH** : 7 to 8 [Basic.]

**Boiling point** : The lowest known value is 100°C (212°F) (water).

**Vapor pressure** : The highest known value is 0.06 kPa (0.5 mm Hg) (at 20°C) (2-aminoethanol).

**Relative density** : 1 g/cm<sup>3</sup>

**Solubility** : Easily soluble in cold water, hot water.

**Vapor density** : The highest known value is 2.11 (Air = 1) (2-aminoethanol).

**Evaporation rate (butyl acetate = 1)** : 0.015 (2-aminoethanol) compared with Butyl acetate.

## Section 10. Stability and reactivity

<b>Stability</b>	: The product is stable.
<b>Conditions to avoid</b>	: No specific data.
<b>Materials to avoid</b>	: None identified.
<b>Hazardous decomposition products</b>	: No specific data.

## Section 11. Toxicological information

### Potential acute health effects

<b>Inhalation</b>	: No known significant effects or critical hazards.
<b>Ingestion</b>	: No known significant effects or critical hazards.
<b>Skin contact</b>	: No known significant effects or critical hazards.
<b>Eye contact</b>	: Irritating to eyes.

### Acute toxicity

Product/ingredient name	Test	Result	Route	Species
Anionic detergent.	LD50	650 mg/kg	Oral	Rat
2-Aminoethanol	LD50	1720 mg/kg	Oral	Rat
	LD50	620 mg/kg	Oral	Guinea pig
	LD50	700 mg/kg	Oral	Mouse
	LD50	1000 mg/kg	Dermal	Rabbit.
	LDLo	1400 mg/kg	Oral	Mammal

### Potential chronic health effects

<b>Carcinogenicity</b>	: No known significant effects or critical hazards.
<b>Mutagenicity</b>	: No known significant effects or critical hazards.
<b>Reproductive toxicity</b>	: No known significant effects or critical hazards.

### Over-exposure signs/symptoms

<b>Inhalation</b>	: No specific data.
<b>Ingestion</b>	: No specific data.
<b>Skin</b>	: No specific data.
<b>Target organs</b>	: Contains material which causes damage to the following organs: the nervous system, the reproductive system, liver, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea, stomach

## Section 12. Ecological information

### Ecotoxicity data

Ingredient name	Species	Period	Result
Anionic detergent.	Trout (LC50)	24 hour/hours	11 mg/l
	Bluegill (LC50)	24 hour/hours	8.2 mg/l
2-Aminoethanol	Oncorhynchus mykiss (LC50)	96 hour/hours	150 mg/l
	Oncorhynchus mykiss (LC50)	96 hour/hours	>200 mg/l
	Lepomis macrochirus (LC50)	96 hour/hours	300 mg/l
	Lepomis macrochirus (LC50)	96 hour/hours	>300 mg/l
	Lepomis macrochirus (LC50)	96 hour/hours	329.16 mg/l
	Pimephales promelas (LC50)	96 hour/hours	2070 mg/l

### Other ecological information

#### Persistence/degradability

Ingredient name	BOD <sub>5</sub>	COD	ThOD
Anionic detergent.	<1 g O <sub>2</sub> /g	-	-
2-Aminoethanol	<1 g O <sub>2</sub> /g	-	-
Ingredient name	Aquatic half-life	Photolysis	Biodegradability
Anionic detergent.	15 day/days	-	-
2-Aminoethanol	< 28 day/days	< 28 day/days.	Inherent
Ingredient name	LogP <sub>ow</sub>	BCF	Potential
2-Aminoethanol	-	<1	low

<b>Other adverse effects</b>	: None identified.
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## Section 13. Disposal considerations

**Methods of disposal** : Non-hazardous waste  
Waste must be disposed to a landfill permitted in terms of the Department of Water Affairs and Forestry's minimum requirements for waste disposal to landfill, and the minimum requirements for the handling, classification and disposal of hazardous waste.

## Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional information
ADR / SANS 10228 Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated.	-	-	-	-	-

## Section 15. Regulatory information

### SANS 10265 / EU Regulations

**Hazard symbol/symbols** :



Irritant

**Risk phrases** :

R36- Irritating to eyes.

**Safety phrases** :

S25- Avoid contact with eyes.

**Product use** :

Classification and labeling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use.  
- Industrial applications.

## Section 16. Other information

**Full text of R-phrases referred to in sections 2 and 3 - Europe** :

R20- Harmful by inhalation.  
R22- Harmful if swallowed.  
R36/37/38- Irritating to eyes, respiratory system and skin.

**Prepared by** :

Not available.

**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.