
W

With over 30 years of experience in the research and development of innovative products for the Portable Sanitation Industry, Armal S.p.A. has earned a worldwide reputation in over 130 countries for the reliability and value of its products. Extraordinary modern production technology, the combination of meticulously selected raw materials, the quality control system, the compliance with safety and environmental standards, as well as the search for innovative and creative products, are Armal key factors.

Armal provides everything you need to service portable restrooms including [DEODORIZERS and CLEANING PRODUCTS](#). Besides manufacturing portable restrooms in polyethylene and other innovative mobile solutions, Armal supplies [CLASSIC and BIO-ENZYMATIC restroom care products](#) which are intended to keep your restrooms fresh and clean for a long time.

INDEX

CLASSIC DEODORIZERS AND CLEANING PRODUCTS

Liquid Products p. 4



• DURA BLUE IT p. 5



• HANDS WASHING GEL p. 5

Portion Control Products..... p. 6



• Armal BLUE PEARL p. 7



• Armal CLEAN PEARL p. 7



• Armal HY PEARL p. 7



• Armal PURI PEARL p. 7

BIO-ENZYMATIC DEODORIZERS AND CLEANING PRODUCTS..... p. 8



• Armal WASH p. 9



• Armal BIODEGRADATION p. 9

OPTIONAL ACCESSORIES..... p. 10

PRODUCTS LIST/ARMAL PURCHASE ITEM NUMBER p. 11

Liquid Products

The first Armal range of Deodorizers and Cleaning Products. They are must-have for long-lasting odor control and cost-effective cleaning. This is why they became immediately popular in the Portable Sanitation Industry. All Armal restroom care products are created, developed and tested to find the fastest and most efficient solution to freshen up portable restrooms.

DURA BLUE IT

The Classic Sanitary Concentrate

DURA BLUE IT is a **liquid non-formaldehyde concentrate** to use as an additive in your portable restroom gray water tank. This product is recommended for **accelerating the disintegration process of the waste and paper and the control of odors** produced inside the portable restrooms. DURA BLUE IT can also be used in Armal vacuum tank units. The product needs to be diluted with water according to the recommended dosage.



19 L / 5.01 gal.can



208 L / 55 gal. bulk tank



1.041 L / 275 gal. bulk tank

Fragrance: blueberry.

Recommended dosage: mix 1 L/0.26 gal. of product in 1.000 L/264.17 gal. with fresh water and pour 15 L/3.96 gal. of the diluted product inside Armal CUBE portable restroom drop tank model. The ratio shall be increased according to temperature, portable restroom model (drop tank, re-circulating flushing system or fresh water flushing tank) and number of services per week.

Available sizes: 19 L / 5.01 gal.

208 L / 55 gal.

1.041 L / 275 gal.

HANDS WASHING GEL

The No-Rinsing Gel

Armal HANDS WASHING GEL is **the ideal solution for the personal care and hygiene of your hands**. The product has a cleaning and degreasing power at the same time and is devoid of any surface-active agents. A small amount of gel placed on the hand palm is enough to rub both hands, leaving them cleansed and dry. It is very simple to use on any occasion and environment as **it does not require the use of water and it dries quickly**.



Fragrance: free.

Recommended dosage: just use a small quantity of product directly on the palms of your hands, massage them carefully and wait until complete drying.

Available size: 5 L / 1.32 gal.

Optional accessory:

- Soap and sanitizer dispensers

Portion Control Products

Armal PEARL is a collection of four cleaning products for portable restrooms. Thanks to an innovative formula, Armal Pearl deodorizing and cleaning power neutralizes unpleasant odors in a few minutes while spreading a pleasant and long-lasting scent with different fragrances. All PEARL cleaning solutions come in **single-dose packets** containing the amount needed for one ordinary service.

Armal PEARL features:



SAFE

- They contain no dangerous substances, enzymes (allergens) or chlorine (toxic substances)
- They are biodegradable and safe for sewage treatment plants and the environment



NEW FORMULA

- They neutralize all odors in few minutes
- They have an excellent treating power
- They leave a pleasant, long-lasting fragrance



EFFICIENT

- They are not affected by high or low temperature
- The single-dose soluble packet is safe and biodegradable



COST-CUT

- They are distributed in individually wrapped powder packets to save in transportation and packaging costs

BLUE PEARL

The Disintegrating Solution

Armal BLUE PEARL is **the fastest and most effective way** to service your portable restrooms thanks to its **individually wrapped single-use packets**. Simply add one or two packets according to the recommended dosage inside the gray water tank to eliminate the aerobic bacteria and spread a fresh, long-lasting bubble scent.



Fragrance: bubble gum.

Recommended dosage: add 1 packet per ordinary service to the gray water tank of the restroom or 2 packets in case of special events or all occasions with a high number of attendees.

Available size: 100 single-use packets per package.

CLEAN PEARL

The Degreasing Solution

Armal CLEAN PEARL is designed to be mixed with water and sprayed directly on the internal and external surfaces of the portable restrooms. It has both **a degreasing and sanitizing action** and eliminates bad odors by providing a pleasant fragrance to your portable restrooms.



Fragrances: lotus, fruit mix and bubble gum.

Recommended dosage: dissolve 1 packet in 15 L / 3.96 gal. water and spray the mix with a nebulizer on the portable restroom's surfaces in and out.

Available size: 100 single-use packets per package.

HY PEARL

The Sanitizing Solution

Armal HY PEARL is the perfect single-dose sanitizing solution. A new formula with high sanitizing power for all portable restroom surfaces. HY PEARL restroom-care **destroys the organic residues** that are deposited on the surfaces of your portable restrooms. The product can be left to act directly on the surfaces for a deeper and longer hygiene.



Fragrance: mentholated pine.

Recommended dosage: dissolve 1 packet in 15 L / 3.96 gal. water and spray the mix with a nebulizer all over the surfaces of the portable restroom.

Available size: 100 single-use packets per package.

PURI PEARL

The Fresh Water Purifying and Sanitizing Solution

Armal PURI PEARL is the ideal **purifying and sanitizing single-dose solution**. A new formula with high purifying and sanitizing power for fresh water. Armal PURI PEARL is perfect **to use inside the water tank of your hand wash sink** as it has a double action: it sanitizes the fresh water and therefore directly the users' hands and avoids the formation of algae and mucilage inside the hand wash sink. Laboratory tests show that PURI PEARL also acts on the prevention of legionella



Fragrance: light fragrance of orange blossom.

Recommended dosage: add 1 packet per service.

Available size: 100 single-use packets per package.

Armal Bio-Enzymatic Deodorizers and Cleaning Products represent a **cutting-edge solution to grow in respect of the environment and the community**. Armal has developed innovative products of only natural origin for the removal of odorous emissions and the treatment of portable restrooms. Thanks to the combined action of enzymes and selected microorganisms, Armal Bio-Enzymatic Deodorizers and Cleaning Products **act directly on odorous substances** improving the quality of the air and the conditions of use for the end-user. The treatment is devoid of any medical or environmental contraindications.

Armal Bio Deodorizers and Cleaning Solutions are Natural, Environmentally Safe and User Friendly. They contain No Harsh Chemicals.

Biological products, Zero environmental impact, 100% biodegradable, GMO Free.

ARMAL WASH

The Natural Degreasing Liquid

Armal WASH is a natural and non-toxic cleaner specifically aimed at **washing and deodorizing portable restrooms** in all situations. The active components of Armal WASH act biologically degrading dirt molecules and improving its elimination. This product has a strong detergent and degreasing power and at the same time it prevents the formation of bad smells and leaves a pleasant citrus fruit scent.

Armal WASH must be diluted with water according to the recommended dosage. Spray it on the portable restroom environment and all its surfaces with a nebulizer or in vacuum tank units with high pressure washing system. It can be used with Armal BIODEGRADATION to give a pleasant fragrance.



Fragrance: citrus fruit.

Recommended dosage: mix Armal WASH with water in a ratio from 5% to 30% depending on the surfaces and environment to clean. If used together with Armal BIODEGRADATION, pour between minimum 30 ml/0.007 gal. and maximum 70 ml/0.018 gal. both inside the gray water tank of the restroom and inside the fresh water flushing tank (if present) per each service.

Available size: 10 L / 2.64 gal.

ARMAL BIODEGRADATION

The Bacteria Reducer Product

Armal BIODEGRADATION is a natural microbiological solution **specific for the nitrification process of portable restrooms, vacuum tank units and septic tanks**. It is a natural product that acts as NH₃ ammonia reducer to nitrites NO₂ and of nitrites NO₂ to nitrates NO₃. In presence of polluting substances, it can reduce the values of BOD and COD.

Armal BIODEGRADATION is recommended for restroom **frequent use, lack of oxygen in the septic tanks and vacuum tank units, or in case high levels of ammonia are detected**. To enhance the fragrance, it can be mixed with Armal WASH both inside the restroom tank or the fresh water flushing tank (if present).



Fragrance: free.

Recommended dosage: use 300 gr/0.66 lb. of product inside the gray water tank of the portable restrooms per service; use 100 gr/0.22 lb. per cubic meter inside vacuum tank units and septic tanks every 20 days.

Available size: 5 kg. / 11.02 lb.

SOAP AND SANITIZER DISPENSERS

Ideal to add more value to portable restrooms and free standing products, Armal proposes two different SOAP AND SANITIZER DISPENSERS capacities and one VIP model. **Easy to install and to refill**, they are ready for use with non-alcohol-based soap, sanitizers and gel solutions. **Easy to use**, with one-hand operation, users will appreciate cleaning their hands after using a portable restroom or whenever there is a need.



BASIC

Capacity: 500 ml / 0.13 gal.

Specifications (HxWxL): 185x95x115 mm / 7.28"x3.74"x4.52"



VIP

Capacity: 500 ml / 0.13 gal.

Specifications (HxWxL): 159x80x105 mm / 6.25"x3.14"x4.13"



MINI

Capacity: 250 ml / 0.06 gal.

Specifications (HxWxL): 210x60x95 mm / 8.26"x2.36"x3.74"

CLASSIC PRODUCTS: Liquid



ECB0081:
DURA BLUE IT
19 L/5.01 gal. can

ECB1441:
DURA BLUE IT
1.041 L/275 gal. bulk tank



ECB1442:
DURA BLUE IT
208 L/55 gal. bulk tank

ECB0251:
HANDS WASHING GEL



CLASSIC PRODUCTS: Portion Control



ECB1371:
Armal BLUE PEARL



ECB1421:
Armal HY PEARL



ECB1281: Lotus Fragrance
ECB1291: Mix Fruit Fragrance
ECB1381: Bubble Fragrance
Armal CLEAN PEARL



ECB1431:
Armal PURI PEARL

BIO-ENZYMATIC PRODUCTS:



ECB1191:
Armal WASH

ECB1231:
Armal BIODEGRADATION



OPTIONAL ACCESSORIES:



ECP0031:
BASIC SOAP AND SANITIZER DISPENSER



ECP0239:
VIP SOAP AND SANITIZER DISPENSER



IDA2281:
MINI SOAP AND SANITIZER DISPENSER

Armal®

ARMAL S.p.A. Unipersonale
Società soggetta a direzione e coordinamento di TTD Holding IV GmbH
Via Fiorentina, 109 - 50052 Certaldo (FI - Italy)
Tel. +39 0571 665 305 - Fax. +39 0571 651260
armal@armal.biz - www.armal.biz

