

FarmCareGB

Biosecurity Shields For All Livestock



CLEANER

Bio-Gard



Multipurpose Heavy Duty Cleaner



Multipurpose heavy duty cleaner suitable for use in livestock housing, hatchery and processing plant.

Bio-Gard

General Properties

Bio-Gard is an alkaline blend of non-ionic and amphoteric surfactants in aqueous solution with a fully biodegradable sequestrant to enhance performance in hard water.

Bio-Gard has excellent cleaning and degreasing and superior foaming properties. It can be used as a foam or spray through pressure washers and spraying equipment on all farm, hatchery and processing surfaces. Bio-Gard is non-staining and non-tainting and biodegradable.

Instructions For Use

For the removal of organic soiling in particular those associated with fats and greases. Bio-Gard is ideal for the removal of faecal matter and soiling on farms and in the hatchery. It will remove fats and grease from all processing equipment such as shackles and cutting blades.

Spraying

Depending on the degree of soiling manually prepare a 0.5% (1:200) - 1% (1:100) solution of Bio-Gard or use dosing equipment to achieve the same dilution. Spray using a low pressure lance onto all surfaces at an application rate of 500 mls.m². Hot water (60-65°C) will improve the effectiveness in high grease situations. Allow contact time of 15-20 minutes prior to thoroughly washing all surfaces with water at high pressure. Higher concentrations may be required under very heavy soil conditions.

Foaming

Manually prepare a 2% (1:50) solution of Bio-Gard or using dosing equipment to achieve the same dilution. Apply using a foam lance onto all surfaces at an application rate of 250 mls.m². Allow a contact time of 15-20 minutes prior to thoroughly washing all surfaces with water at high pressure. Higher concentrations may be required under very heavy soil conditions.

Precautions

1. Bio-Gard is classified as CORROSIVE. Avoid contact with the eyes and skin during handling of this product. Do not breath spay mist (a mist respirator is recommended where appropriate) Wear suitable protective clothing, gloves and eye/face protection.
2. Store in a cool place out of direct sunlight and away from other products
3. Do not allow contact with acids.
4. For disposal dilute small quantities to waste water, via a foul sewer or other treatment facility in accordance with local water authority regulations

Key Steps of Farm Hygiene

Procedure	Product
DRY CLEAN As soon as possible after destocking, remove movable equipment to a hard surface outside the house for cleaning and disinfection. Blow down dust from upper surfaces, remove litter and thoroughly sweep. Where possible remove litter from site in covered loads.	
PRE-WASH Apply detergent sanitizer via pressure washer or foaming lance to all surfaces (max. 1,000 psi)	Quat-Gard 1:250 Bio-Gard 1:200
WASH Using a pressure washer at high pressure (3,000 psi) thoroughly wash all surfaces starting at the highest point and working down.	Quat-Gard 1:1000
WATER SYSTEM Drain water system and clean header tank. Fill header tank and add Viru-Gard. After one hour, drain system and fill with clean water.	Viru-Gard 1:200
DISINFECTION Apply selected disinfectant with pressure washer at low pressure (500 psi) preferably using a fan nozzle, thoroughly wetting all surfaces. This will require approximately 300 ml of disinfectant solution per square meter.	Farm-Gard 1:200 Ultra-Gard 1:250 Viru-Gard 1:200
SET UP Spread new litter and return any removed equipment after cleaning and disinfection. Position and recharge foot dips.	
FOGGING OR FUMIGATION With all equipment and litter in place, fog or fumigate the house. Leave house closed until restocking.	Viru-Gard 1:200 Para-Gard 320gm/100m ³
Continuous Protection	
FOOT AND WHEEL DIPS Maintain foot and wheel dips with fresh disinfectant solution twice weekly.	Farm-Gard 1:100 Ultra-Gard 1:100
FOGGING On a regular basis and frequently at times of disease challenge, fog a solution of Viru-Gard over the stock.	Viru-Gard 1:200
WATER SYSTEM Add Viru-Gard to header tank on a daily basis to achieve a dilution of 1:1000. Discontinue 24 hours before any live vaccination	Viru-Gard 1:1000

The above product suggestions and dilution rates are a general guide. Please check advised dilution rates for specific disease challenges.