HYPER O

PERACETIC ACID SOLUTION SANITIZER

AGRICULTURE AND HORTICULTURE INDUSTRY

HYPER O is a peracetic acid solution for sanitizing surfaces and equipment in farm buildings and water treatment.

HYPER O removes scale, mineral and organic build up.

FEATURES and BENEFITS

- Non-foaming acidic liquid
- Strong oxidizer
- Low viscosity
- Biodegradable
- Highly efficient
- No cell resistance build-up
- Control of a broad spectrum of microorganisms

DO NOT STORE WITH FOOD PRODUCTS

phosphate-FREE

DIRECTIONS FOR USE

Use procedure

FARM PREMISES AND EQUIPMENT

Remove all livestock and feeds from premises during treatment. For best results, pre-clean all surfaces using a detergent and rinse with potable water before using **HYPER O**.

For Sanitizing of hard non-porous surfaces: Use a 4 ml to 16 ml /litre solution of **HYPER O** (gives 200 to 800 ppm of active peracetic acid).

Farm premises: Remove all manure, litter from all surfaces. Empty all feeding appliances. Saturate surfaces with **HYPER O**, allow surfaces to dry and ventilate building before restocking. All feeding appliances must be thoroughly rinsed with potable water prior to reuse.

Sanitizing equipment: A 8 ml /Litre solution of **HYPER O** (400 ppm) is recommended for cleaning and sanitizing equipment. Remove heavy soil from equipment to be treated and wash with detergent. Rinse thoroughly. Apply **HYPER O** and allow solution to remain in contact with the equipment for at least 10 minutes. Any equipment which may contact food should be rinsed with potable water prior to reuse.

For sanitizing of boot and wheel dips: Use an 8 ml /Litre solution of **HYPER O** (400 ppm). Immerse boots and wheels, so as to completely wet surfaces and allow to air dry. Change solution daily or when soiled.

Sanitizing by fogging: Use a thermal or mechanical fogging machine and apply a 4 % solution (40 mL /litre giving 2000 ppm) at the rate of 20 mL per cubic meter. Leave for 30 minutes and vent for 30 minutes to 1 hour before re-entry.

WATER SYSTEM TREATMENT

For best results, pre-clean your water system using a specialty product and flush with potable water before using **HYPER O**.

For sanitizing water systems: Drain the system and fill with a 4 ml to 16 ml/Litre solution (200 to 400 ppm). Allow for a 10 minute contact time. Drain and flush the water lines with potable water after treatment.

Cleaning when the system is not in use:

Fill up system with a 2% (20ml / litre giving 1000 ppm) solution and allow to dwell for 12 to 24 hours. Rinse with plenty of clear water until no product residue remains, including in nipples or cup.

Cleaning an operating system (animals present)

Make up a stock solution 1.5% (15ml litre giving 750 ppm) and set the metering pump to 1: 128 (6 ppm). Never use **HYPER O** more than 5 consecutive days. Never mix **HYPER O** with any other product.

SEE REVERSE SIDE

HYPER O

Peracetic acid solution sanitizer

PHYSICAL PROPERTIES

Appearance	Clear
Odour	Pungent
Specific gravity @ 20°C	1.12
Viscosity	Low
pH	1.25
Flash point (TCC)	None
Phosphorus	No
Water solubility	Complete
Auto ignition temperature	None
Chlorine	None
Boiling point	Approx. 100°C
Freezing point	< -5°C
Foaming tendency	Non-foaming
Concentration monitoring techniques	Conductivity, titration
Rinsing	Excellent

INCOMPATIBILITY

Chlorinated products

WAREHOUSING PRECAUTIONS

Store between 10°C and 30°C away from sunlight and heat sources.

FIRST AID MEASURES

EYES
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
SKIN
Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
INHALATION
Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
INGESTION
Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

HEALTH	3
FLAMMABILITY	0
REACTIVITY	2

LEGEND
0 = MINIMAL RISK
1 = SLIGHT RISK
2 = MODERATE RISK
3 = SERIOUS RISK
4 = SEVERE RISK

PERSONNAL PROTECTION
Security equipment

WHMIS

IMPORTANT : Before using **HYPER O**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

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