

Handling Aggressive Liquids

Important Information



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! Important

Always read the label before use

Successful hydroponic cultivation involves the use of various aggressive liquids. Some of these liquids can be very dangerous if they are not handled correctly.

Aggressive Liquids sold by GroWell

Nitric Acid	Contains Nitric Acid at 38%
pH Down	Contains Orthophosphoric Acid (H ₃ PO ₄) at 81%
pH Up	Contains Potassium Hydroxide (KOH) at 25%
Organic pH Down	Contains Citric Acid at 41%
Oxy-Plus	Contains Hydrogen Peroxide (H ₂ O ₂) at 17.5%
Liquid Silicon	Contains Potassium Silicate
Pyrethrum 5 Ec	Contains Pyrethrins at 5%
Fortefog 'P' Fumer	Contains Pyrethrins at 13.25%
Pythoff	Contains Chlorine at 0.5%
Silicon+	Contains Potassium Silicate 1.25%

Storage & Handling

1. Always keep all aggressive chemicals under lock and key.
2. Keep out of reach of children.
3. Always wear goggles, gloves and appropriate safety clothing when handling aggressive liquids.
4. Never mix pH Up and Down. Always store separately.

Dilution

All of the above products are sold in highly concentrated solutions to make them extremely cost effective for the end user, however we STRONGLY recommend the grower to dilute these solutions before use.

1. Diluted solutions are safer to handle.
2. Diluted solutions are easier to use - more is needed, so dosing is less critical (less chance of mistakes)

Personal Protection

Safety glasses, rubber or plastic gloves. Always work in a suitably ventilated area. Goggles are essential for eye safety when handling aggressive liquids.

General First Aid Measures

Eyes:	Get medical aid immediately. Do not allow victim to rub or keep eyes closed. Extensive irrigation (eye baths) is required (at least 30 minutes).
Skin:	Get medical aid immediately. Flush skin with plenty of soap and water for at least 15 minutes after removing contaminated clothing and shoes. Wash clothing before re-use.
Ingestion:	Never give anything by mouth to an unconscious person. Do not induce vomiting. Allow the victim to rinse their mouth and then to drink 2-4 cups of water before seeking medical advice.
Inhalation:	Get medical aid immediately. Remove from exposure area to fresh air immediately. If breathing is difficult, give oxygen. DO NOT use mouth to mouth respiration.

Order Hotline:
0845 345 5177



Technical Help: **0845 345 5176**
www.growell.co.uk