

TECHNICAL DATA SHEET

GREEN UP PLUS

A Safe cleaner and sterilizer powerful, biodegradable, water based degreaser and sanitizer.

Description

GREEN UP PLUS is a powerful non chlorinated cleaner for the cleaning of metallic surfaces special for heat transfer systems. Does not damage rubber, plastic, metal or stainless steel surfaces

GREEN UP PLUS is a water based degreaser and oil dispersant, which contains a strong bactericide it is a versatile cleaning agent for meat and food preparation areas. It is effective against a wide range of microorganisms including Gram positive/negative bacteria, pathogenic food related bacteria, yeasts and fungi.

GREEN UP PLUS is a non tainting, free rinsing, streak free, cleaner for food environments, where the sterilization of surfaces is also required.

Can be used to clean fats, water equipment's, air-conditioning units and many more cleaning applications.

GREEN UP PLUS Is made from renewable raw materials –glucose derived from corn, and fatty alcohols from coconut and palm kernel oils due to its natural chemistry,

This product is very mild, low in toxicity and readily Biodegradable

Summary of Benefits

FOOD

SAVE

WATER BASED HARD DEGREASER

CAN BE DELUTED WITH WATER

CAN BE APPLIED IN WET AREAS

FREE FROM CHLORINATED SOLVENTS

NOT HURM THE INVIROMENT

NON TAINING

CLEANER AND STERILISER COMBINED

NON FLAMMABLE

DOES NOT DISCHARGE TOXIC GAS OR SYNTHETICS SOLVENT SMELL

DOES NOT RISK THE BREATHING WAY

DOES NOT LEAVE MARKS ON SKIN

DOES NOT ATTACKING THE SURFACE, INCLUDING PLASTICK RUBBER AND STAINLESS STEEL.

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Applications

This product is ideal for meat and food preparation areas. It effectively removes animal fats and protein residues, whilst its bacteriological and free rinsing properties leave a non-contaminating and bacteria free surface.

As this product contains an Amphoteric biocide and has been evaluated for activity according to BS:6471 using E. Coli Salmonella and Listeria as the test organism, it may also be used for cleaning agricultural vehicles which may have to enter farms and other areas where animal disease may have occurred.

EN1276, this is the European Standard for clearer/sanitizers and the Green Up AB has been found to pass this test

Green Up AB should kill MRSA which is the bug found in most hospitals

The test organisms used in the test were:

E.Coli, Pseudomonas Aeruginosa, Staphylococcus Aureus and Entococcus Hirae.

Dilutions will depend on degree of soiling, the sanitizing results required and the type of equipment used.

GREEN UP Plus at a dilution of 1:1 qualifies as a sanitizer to BS:6471 the product comfortably passed at a dilution of 1:1 which is in line with the activity for the Amphoteric biocide.

When tested according to the European Suspension Test protocol the Amphoteric biocide was shown to be very effective against Salmonella under clean conditions after 5 minutes contact time. When applied under reasonably clean conditions a 1 to 1 dilution of effective against Salmonella, E Coli, Listeria, streptococcus and wide range of others bacteria's.

Direction for Use

Important- All dilutions are general recommendations. The final dilution will be determinate only after laboratory tests at each food plant. Finely Product Recommendation must be obtained from Green Life Company representative. A higher dilution lessens the effectiveness of the product and does not do the job efficiently.

General Cleaning

For general cleaning in working areas, use at 1:3 (25% Green Up + 75% water) dilution with water, apply by mop, brush, or spray onto the surface, allow to soak, then wash off with clean water.

To clean heavily contaminated areas dilute at 1:3 with water and apply, allow to soak then wash off with clean water.

To clean general areas including floors etc. dilute at 1:4 with water apply using a mop, brush, or spray, allow to soak then rinse.

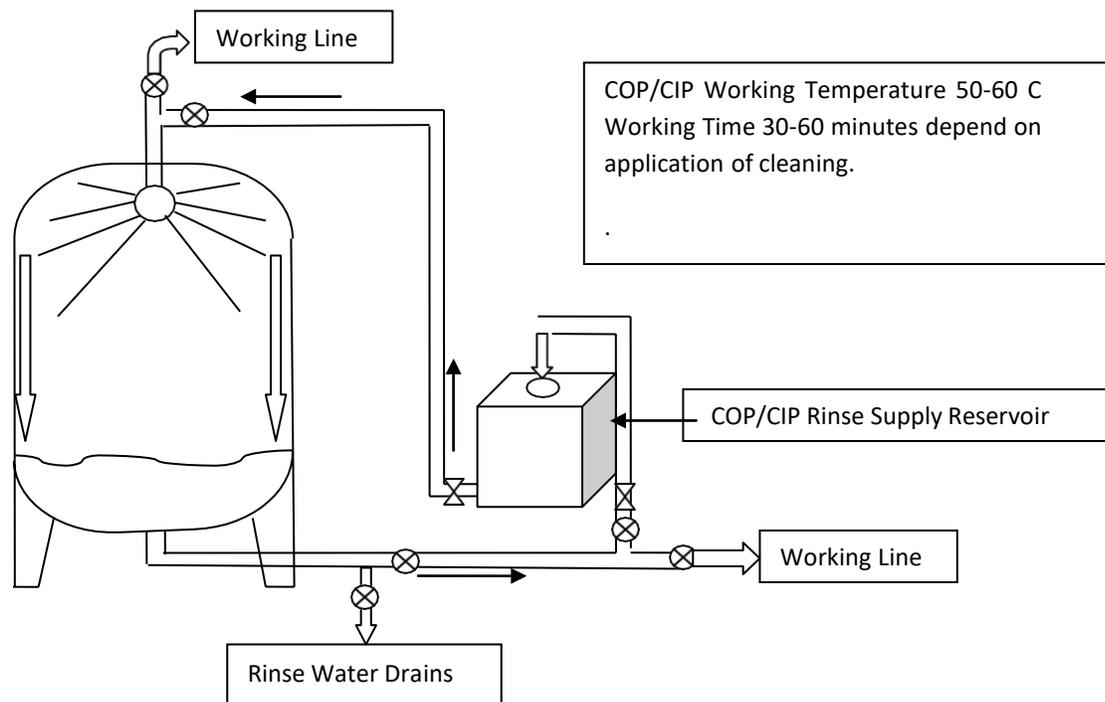
If used as a hand cleaner then the product must be diluted to at least 1:5 with water.

The product is also suitable for use in automatic foam spray units.

COP/CIP Cleaning

Flushing Procedure for working equipment's

1. Completely drain the system.
2. Connect the system to COP/CIP Rinse Supply Reservoir
2. Fill the system with 25% solution of Green Up Green Up Plus and 75% of fresh water (flushing fluid).
3. Run the equipment in fast idle speed or operate the machine in service for at least one hour.
4. Completely drain the system.
5. After the flushing solution has been finished, flash the system with clean water.
6. When the cleaning is complete, disconnect the COP/CIP Rinse Supply Reservoir
7. Return the system to normal working condition.
8. The COP/CIP Rinse Supply Reservoir can further use of another system cleaning



Fogging in the Refrigerated Rooms

Fogging for fruits and vegetables in the refrigerated rooms is done so as to provide a clean area that is also bacteria and fungus free. Disinfection is done by fogging the refrigerated room using Green Up Plus. This can be done using two different methods.

Safety measures must be taken by the employee working in a fogged environment.

Permanent Fogging

Permanent fogging is done by adding Green Up Plus in a concentration of 10-20% to the water container that is the right size to provide moisture for the room.

Occasional Fogging

Occasional fogging is done by a fogging system that is introduced to the refrigerated room for this purpose. The system can be permanent or temporary in accordance with the specific need. For every 100 square meters you need 1 liter which is made up of 10% Green Up Plus and the rest water. Each treatment depends on the size of the Plus. In order to shorten the time spent in fogging you can change the ratio to 20% of Green Up Plus to each liter for 200 square meters of space.

In scheduling the fogging you must decide which room is the best for this procedure. For example, you have to decide if you use fogging at the end of the working day or intend to store the produce for an extended period of time without people going in and out of the room. If you have a closed room for storage you need to fog twice a week. For a ripening room you need fogging every day.

Green Up Plus is effective for up to 60 days. In any case fogging should not be used longer than this period. Green Up Plus is an ecological product. It is not poisonous, not corrosive and does not leave residue. The product does not harm people, fruits and vegetables or anything else.

Appropriate work clothes, protective glasses and face masks are advised.

For any questions or instruction please contact the company representative.

Precautions

Keep out of reach of children

Do not store in direct sunlight or heat.

Avoid frost and high temperatures.

For external use only not for food, is not toxic

Do not swallow

Avoid contact with eyes, recommended protective eyes wear and gloves.

In case of contact with eyes or skin wash with lots of water

In case of swallowing, drink water or milk and seek medical assistance

Keep away from children

Keep the contains locked in a shady close place

Avoid exposing the liquid to extreme temperatures.

Cleaning and Sterilizing Substances coming into Contact with Food - Israeli Standard 1944

Test Organisms	Untreated Surface	Treated Surface
<i>Escherichia coli</i> 8739	~10 ⁴	0,0,0
<i>Staphylococcus aureus</i> 6538	~10 ⁴	7,0,0
<i>Pseudomonas aeruginosa</i> 9027	~10 ⁴	0,0,0
<i>Streptococcus faecalis</i> 5129	~10 ⁴	0,0,0
<i>Enterobacter aerogenes</i> 13048	~10 ⁴	0,0,0
<i>Aspergillus brasiliensis</i> 16404	~10 ⁴	0,0,0
<i>Lactobacillus plantarum</i> 14917	~10 ⁴	0,0,0
<i>Salmonella typhimurium</i> 14028	~10 ⁴	0,0,0
<i>Saccharomyces cerevisia</i> 2601	~10 ⁴	0,0,0

Physical Properties

Appearance	Clear colorless liquid
Density	1.01-1.03
Flash Point	None
Solubility in water	Immiscible
Colour	Pale Colored
Odour	Barely perceptible odour
Flammability	None
Flammable Boiling Temperature/ range	->100 C

Component

NATURAL non caustic readily biodegradable water based components
 Non of the components is made of neither animals.
 The liquid does not contains minerals fats, or fats produce from animals
 Green Life Group is against experiments in animals and does not include
 in its products components from them.

Health And Safety

For full Health and Safety data please refer to our specific MSDS Sheet, which is available on Product list

Pack Sizes

18lt and 205lt barrels, 1000 litter canister.