

Green Life Group

TECHNICAL DATA SHEET

GREEN UP GN

Description

A Safe cleaner and sterilizer powerful, biodegradable, water based degreaser and oil dispersant. **GREEN UP GN** is a powerful non chlorinated cleaner for the cleaning of metallic surfaces special for fuel & gases pipes, tanks and peripherals equipment. Does not damage rubber, plastic, metal or stainless steel surfaces

GREEN UP GN is a water based degreaser and oil dispersant, which has proved to be a versatile cleaning agent in factory and workshop situations where degreasing cleaning or where a fast drying solvent cleaner is required.

GREEN UP GN is made from renewable raw materials –glucose derived from corn, and fatty alcohols from coconut and palm kernel oils due to its natural chemistry, mixt with natural silicates. This product is very mild, low in toxicity and readily Biodegradable

This product considerably raises the minimum ignition energy and the temperature flash point of the explosive gas and also diminishes the strong odor of the gas. Following the completion of the neutralizing process the sludge cleaning can be commenced safely.

References: 1) IEC 60079-2011: Explosive Atmospheres: General requirements (Also Israel Institute Standard 60079- 2011) 2)NFPA 497-2004: Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas 3) Atex 137: Explosive Atmospheres.

Applications

- General cleaning
- Oil rig and Gas rig cleaning and gases neutralization.
- Refinery cleaning applications and gases neutralization.
- Fuels storage tanks cleaning and gases neutralization
- Engine cleaning and Lorry chassis cleaning
- Sewers and sewage pipes cleaning and gases neutralization.
- Garage floor cleaning and Garage pit cleaning.
- Factory floor and wall cleaning.
- Oilrig cleaning.
- Final stage for cleanup of oil pollution and oil spills.
- Printing Industry cleaning.
- Food industry Including kitchens and dining rooms.
- Electric Motors.
- Air Conditioning system.

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Summary of Benefits

Biodegradable food safe product.

Cleaner and sterilizer combined

Water based degreaser.

Can be diluted with water

Can be applied in wet areas

Free from Chlorinated Solvents

Not harm the not Environment and not flammable

Does not discharge toxic gas or synthetic solvent smell

Does not risk the breathing way

Does not attacking the surface, not damage plastic, rubber and metals.

Not harm the environment and not danger for the users.

It does not cause corrosion of the building structure or the equipment

Direction for Use

GREEN UP GN can be diluted with water before application. the dilution rate would need to be established by trial and error, as all machines are different.

The dilution should be performed with clean water only.

For general cleaning use dilution at 1:4, for bath system cleaning use at 1:3.

GREEN UP GN can be used through floor scrubbing machines.

To remove heavy soiling, apply neat with brush or sprayer or baths cleaning. Leave the part for cleaning for 5 to 10 minutes then rinse off with water.

GREEN UP GN can also be used for general areas including floors etc. dilute at 1:1 with water apply using a mop, brush, or spray, allow to soak then rinse.

GREEN UP GN is also suitable for use in automatic foam spray units.

In the case of large oil spills, clear away as much as possible, then use **GREEN UP GN** (neat) in the final clean up stage.

GREEN UP GN can also be used for fogging systems. The dilution for fogging system using recommended at 10-15% **OF GREEN UP GN** in water.

Occasional fogging is done by a fogging system that is introduced to the clean the defined area with gas emission. Each treatment depends on the size of the area. It is necessary to get guidance before operating the fogging system from company representative.

Appropriate work clothes, protective glasses and face masks are advised for working in gas area.

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For Heat Exchanger Cleaning

1. Isolate the oil supply, disconnect the heat exchanger oil inlet and outlet, and drain off any remaining oil.
2. Connect the discharge side of Cleaning Unit (CU) to the lower heat exchanger connection and fit the return to the CU.
3. Add HEC to the drum and heat, maintaining the temperature (max 75°C) throughout the cleaning operation FOR 8-10 hours. If heating is not available, and fit the return to the CU Circulate for 24 hours. When the cleaning is complete, disconnect the lower heat exchanger connection and drain.
4. Connect a high pressure fresh water supply to the upper heat exchanger connection. Rinse until water runs clear.
5. Disconnect, drain and dry.
6. Can further use of another system cleaning

Physical Properties

Color:	-	Pale Colored
Odor	-	Barely perceptible odor
Density	-	1.06
Flash Point	-	None
Flammability:	-	None Flammable
Boiling Temperature/ range	-	>100 C
Solubility in water	-	Immiscible

Precautions

This product is for external use only. Not to be swallowed. If swallowed, drink a large amount of water or milk and seek medical attention. Avoid contact with eyes. In case of eye contact rinse with large amounts of water.

Keep this cleaning product away from children.

Keep the container closed and do not expose to extreme temperatures.

Components

Mixture of active readily biodegradable water based components

These components are based on coconut, pineapple, and citrus extracts.

None of the components is made of neither animals.

The liquid does not contains minerals fats, or fats produce from animals

All the components decompose in nature and fit the definition of biodegradable.

Health and safety

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

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Pack Sizes

4lt, 18lt , 205lt barrels, 1000 litter canister

Shelf Life 3 Years from date of manufacture