

# DECON-19

**INDUSTRIAL  
CLEANER  
&  
DECONTAMINANT**

This product is exempt from EPA registration under minimal risks pesticides exemption FIFRA section 25(b)

- Kills Odor -Causing Bacteria
- Instantly Reactive
- Resistant to Heat & Chlorine
- Cuts Animal Fats & Grease
- Removes Mold & Mildew
- Controls Algae

Decon-19 is a colorless broad spectrum cleaner. It's non staining form is safe to use on most any surface or fabric. Proven to kill odor-causing bacteria and micro-organisms, Decon-19 performs outstandingly on hard surfaces in food processing processing facilities and equipment, homes, hotels, restaurants, schools, day care facilities, offices, shops, buses and other public transportation vehicles, locker rooms, kitchens and restrooms, kennels, exercise facilities, and beauty-barber shops.

Decon-19, powered by EMS' Xtreme and SynTech, is an effective replacement for bleach and quat based products while remaining non-corrosive, non-hazardous, and non-toxic. Decon-19 has been formulated to deep clean hard surfaces and objects including walls, floors, counters, sinks, toilets, cabinets, tubs, showers, doorknobs, telephones, stove tops, waste containers, tables and chairs. Also idea for toys, diaper pails, diaper changing tables, bathroom and kitchen counters, telephone, doorknobs, cribs, playpens, activity centers and tanning beds.

Decon-19 works in any temperature and because it contains just the right amount of EMS' patented SynTech. Decon-19 is capable of removing soil and buildup. The result is a solution that quickly degrades petroleum hydrocarbons, vegetable and animal fats, oils, greases, waste solids and other organic compounds with an easy to apply and versatile treatment. Because Decon-19 is instantly reactive, it can be used in any cleaning environment where cleaning and odor control is desired.

Decon-19 is FIFRA exempt as per 40 CFR 152.25 (f).

The formula and its ingredients meet or exceed the EPA's Safer Choice program requirements for both the safety of the environment and the user.



Powered by  
**Xtreme**

**syn**tech

For sales or product information call 888-867-1949 or visit [www.DECON-19.com](http://www.DECON-19.com)

## Technical Data

BIODEGRADABLE: Yes/100%  
FORM: Liquid  
ODOR: Mild Soapy Odor  
COLD STABILITY: 30° F  
DETERGENCY: Excellent  
PHOSPHATES: None  
WETTING ABILITY: Excellent

FLAMMABILITY: Non-Flammable  
BOILING POINT: 214° F  
SOLUBILITY IN WATER: 100%  
VOCs: None  
VOLATILE BY VOLUME: N/A  
CARCINOGENS: None  
SHELF LIFE: 1 Year

## EPA FIFRA Exempt

This product is exempt from EPA registration under minimal risks pesticides exemption FIFRA section 25(b)

Decon-19 kills odor-causing bacteria on food contact surfaces and on non-food-contact surfaces.

Decon-19 kills bacteria that cause spoilage, deterioration, or fouling of materials on a variety of surfaces, textiles and paper products. Purgo kills bacteria that cause fouling in cooling towers.

Decon-19 kills odor-causing bacteria.

Decon-19 effectively controls the growth of algae.

Decon-19 neutralizes and removes odors.

Decon-19 removes mold stains from surfaces such as patios, decks and most other structures.

Kills and controls micro-organisms infectious to animals.

Decon-19 is Exempt from FIFRA Registration.

Decon-19 is registered with the Florida Department of Agriculture and Consumer Services Bureau of Pesticides, Pesticide Registration Section.

## DOT STATEMENT

Non-D.O.T. Regulated/Non-D.O.T. Hazardous  
EXEMPT as per 49 CFR 173.154(d) (1) <6.25 mmpy

D. O. T. classifies a material to be corrosive and hazardous if it has a corrosion rate that exceeds 6.25 mmpy on SAE C1020 carbon steel or 7075-Y6 Aluminum.

## Dilution Specification

Odor Control on Food Contact Surfaces - Dilute 1:32

Odor Control on Non-Food Contact Surfaces - Dilute 1:64

Control of Spoilage, Deterioration, and Fouling on non-porous surfaces - Dilute 1:10

Control of Bacteria in Cooling Towers - 100ppm dose

Recommended Control of Odor Causing Bacteria - Dilute 1:64

Control of Algae Growth - 20ppm recommended initial dose

Neutralization and Removal of Odors - Dilute 1:64

Removal of Mold Stains from Surfaces - Dilute 1:10

Control of Microorganisms Infectious Only to Animals - Dilute 1:64

## Toxicity Studies

Toxicity Limits: Test Procedure OECD 202, 48 hr. LC 50 and LD 50 (rat oral: NON-TOXIC)

Mutagenicity Limits: OECD Guidelines Sec. 471 Chemicals: NON-MUTAGENIC

Dermal Irritation & Corrosion

A modified Draize method was used as described in OECD Guidelines for the Testing of Chemicals Sec. 404 and complies with the requirements of OECD Principles of GLP, Annex revised as of July 1992.

Decon-19 is classified as a "Non-Skin Irritant".

Biodegradation & Aquatic Safety

Test Procedure: Hach Reactor Digestion method for Waste Water and Sea Water. Hach Reactor Digestion Method is a semi-micro adaptation of the Standard Methods.

Decon-19 is 100% Biodegradable.

## Classifications & Approvals

Exempt from EPA registration under minimal risks pesticides exemption FIFRA section 25(b)

D.O.T., IMO, IATA, IMDG - Non-Regulated

TDG - Non-Regulated to and through Canada

SARA 313 311/312 - This product does not contain any ingredients that are subject to the reporting requirements.

California Prop 65 - This product does not contain any ingredients known to the state of California to cause cancer, birth defects or any other reproductive harm.

FDA - Approved as Safe (GRAS)

USDA Authorization

A1, A2, A3, A4, A8, C3

Additional Studies & Results: When tested, Purgo showed no potential for the generation of Carbon Dioxide under NIOSH 7903 OSHA & ACGIH testing protocols governing workplace environments.