Purgo

Antimicrobial Multi-Surface Cleaner

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

Purgo is a colorless broad spectrum antimicrobial cleaner. Its non staining formula is safe to use on most any surface or fabric. Proven to kill odor-causing bacteria and micro-organisms, Purgo 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.

Purgo, 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. Purgo 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.

Purgo works in any temperature and because it contains just the right amount of EMS' patented SynTech. Purgo 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 com-pounds with an easy to apply and versatile treatment. Because Purgo is instantly reactive, it can be used in any cleaning environment where cleaning and odor control is desired.

Purgo 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.

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)
Purgo kills odor-causing bacteria on food contact surfaces and on non-food-contact surfaces.
Purgo 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.
Purgo kills odor-causing bacteria.
Purgo effectively controls the growth of algae.
Purgo neutralizes and removes odors.
Purgo removes mold stains from surfaces such as patios, decks and most other structures.
Kills and controls micro-organisms infectious to animals.

Purgo is Exempt from FIFRA Registration.
Purgo 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-pourous 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.

Purgo 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.

Purgo 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.

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