**Whistle® Degreaser/Disinfectant Tb**

- Ready-To-Use Disinfectant-Cleaner
- Tuberculocidal / Virucidal (against Pathogenic fungi)
- Meets OSHA Bloodborne Pathogen Standard For HBV & HIV

**ACTIVE INGREDIENTS**
- n-Alkyl (EO)14, C16
- n-Alkyl (EO)12, C16
- Dimethyl benzyl ammonium chloride
- 0.15%
- Sodium silicate
- Sodium citrate
- 0.13%

**MIXED WITH WATER**
- pH 7.2

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION:** See additional precautionary statements on back panel.

**Net Contents:** 946 mL / 1 U.S. Qt.

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**STORAGE AND DISPOSAL**

- Do not contaminate water, food or feed by storage or disposal.
- **STORAGE:** Store in original container and in locked storage area, store in a dry place no lower in temperature than 50°F or higher than 120°F.
- **CONTAINER DISPOSAL:** Do not reuse container. Wrap container and put in trash.

**Questions?** Comments: 1-800-242-1677 / www.jborahanda.com

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EPA Est. No. C032-01-11 (NC) or C032-01-31 (NV) or 4022-W-1 (WI)

Lot numbers indicate appropriate establishment number.

MSDS No. 12670102

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When used as directed, Whistle DEGREASER/DISINFECTANT Tb contains 2190 ppm of active germicide making it highly effective against a wide variety (broad-spectrum) of pathogenic microorganisms including bacteria, antibiotic resistant bacteria, viruses, fungi, mold and mildew.

Using approved AOAC test methods under Good Laboratory Practises, in the presence of 10% serum load and 3 minute contact time (unless otherwise noted):

Whistle DEGREASER / DISINFECTANT Tb kills the following:

**Bacteria** - kills on hard non-porous inanimate surfaces:
- Pseudomonas aeruginosa, (ATCC 15442)
- Staphylococcus aureus, (ATCC 6538)
- Salmonella choleraesuis, (ATCC 17089)
- Acinetobacter calcoaceticus, (ATCC 20655)
- Bacillus subtilis, (ATCC 6633)
- Burkholderia cepacia, (ATCC 23745)
- formerly known as Pseudomonas cepacia
- Campylobacter fetus, (ATCC 27374)
- Campylobacter jejuni, (ATCC 20962)
- Citrobacter freundii, (ATCC 8095)
- Enterobacter aerogenes, (ATCC 13048)
- Enterobacter agglomerans, (ATCC 27155)
- Enterococcus faecalis, (ATCC 19433)
- formerly known as Streptococcus faecalis
- Enterococcus hirae, (ATCC 10544)
- Escherichia coli 0157:H7, (ATCC 43890)
- Escherichia coli, (ATCC 11229)
- Haemophilus influenzae, (ATCC 10211)
- Klebsiella pneumoniae, (ATCC 13883)
- Legionella pneumophila, (ATCC 33153)
- Listeria monocytogenes, (ATCC 15313)
- Micrococcus luteus, (ATCC 46968)
- Morganella morganii, (ATCC 25830)
- Neisseria gonorrhoeae, (ATCC 43066)
- Pasteurella multocida, (ATCC 14317)
- Proteus mirabilis, (ATCC 25863)
- Proteus vulgaris, (ATCC 13315)
- Pseudomonas fluorescens, (ATCC 13525)
- Salmonella enteritidis, (ATCC 40331)
- Salmonella typhimurium, (ATCC 10709)
- Salmonella typhi, (ATCC 26802)
- Serratia liquefaciens, (ATCC 13451)
- Staphylococcus aureus, (ATCC 27057)
- Staphylococcus epidermidis, (ATCC 51622)
- Streptococcus pyogenes ("Strap A", Flesh Eating Stain),
  (clinical isolate)
- Vibrio cholera, (ATCC 11632)
- Yersinia enterocolitica, (ATCC 23715)

**Antibiotic-Resistant Bacteria** -
- kills on hard non-porous inanimate surfaces:
  - Enterococcus faecalis, (ATCC 51299): Resistant to Vancomycin [VRE]
  - Staphylococcus aureus, (ATCC 35986): Resistant to Methicillin [MRSA]
  - Staphylococcus epidermidis, (ATCC 51622): Resistant to Methicillin [MRSE]
  - Streptococcus pneumoniae, (ATCC 51915): Resistant to Penicillin [PRSP]

**Viruses** - kills on hard non-porous inanimate surfaces:
- Adenovirus Type 2, (VR-846)
- Herpes Simplex Type 1 (HSV-1), (VR-733)
- Herpes Simplex Type 2 (HSV-2), (VR-734)
- Influenza Type A2 (Hong Kong), (VR-644)
- Parvovirus Type 1, (VR-192)
- Rhinovirus Type 39, (VR-340)
- Respiratory syncytial virus, (VR-26)
- Rotavirus, (Strain WA)

Kills HBV and HIV-1 (HIV-IIb) when used as directed on hard, non-porous inanimate surfaces with a 1 minute contact time.

**Veterinary viruses:**
- Avian Influenza, (VR-2072)
- Canine parvovirus, (VR-73007)
- Feline panleukopenia, (VR-648)
- Pseudorabies, (VR-159)

**Fungi/Yeast** - kills on hard non-porous inanimate surfaces:
- Aspergillus nigricans, (ATCC 16404)
- Candida albicans, (ATCC 18804)
- Trichophyton mentagrophytes, (ATCC 9533)

**Tuberculocidal Activity** - This product exhibits disinfectant efficacy against Mycobacterium tuberculosis (BCG) in 10 minutes at 20°C when used as directed on previously cleaned hard non-porous environmental surfaces.

**Fungicidal Activity** - This product is fungicidal against the pathogenic fungi, Trichophyton mentagrophytes (the fungus which causes Athletes Foot) fungus in 3 minutes when used as directed on hard surfaces found in bathrooms, shower stalls, locker rooms, or other clean, non-porous, hard surfaces commonly contacted by bare feet.

**Misdemeanor Activity** - controls and prevents the growth of mold and mildew, (Aspergillus Niger [ATCC 6275]) and the odors caused by them when applied to hard, non-porous environmental surfaces.

**Non-Food Contact Surface Sanitizer for hard non-porous surfaces** - effective against Enterobacter aerogenes (ATCC 15038) and Staphylococcus aureus (ATCC 6538) in 30 seconds.

**Molders** - eliminates odors and odor-causing bacteria in restroom areas, behind and under sinks and counters, and storage areas and other places where bacterial growth can cause molders.

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