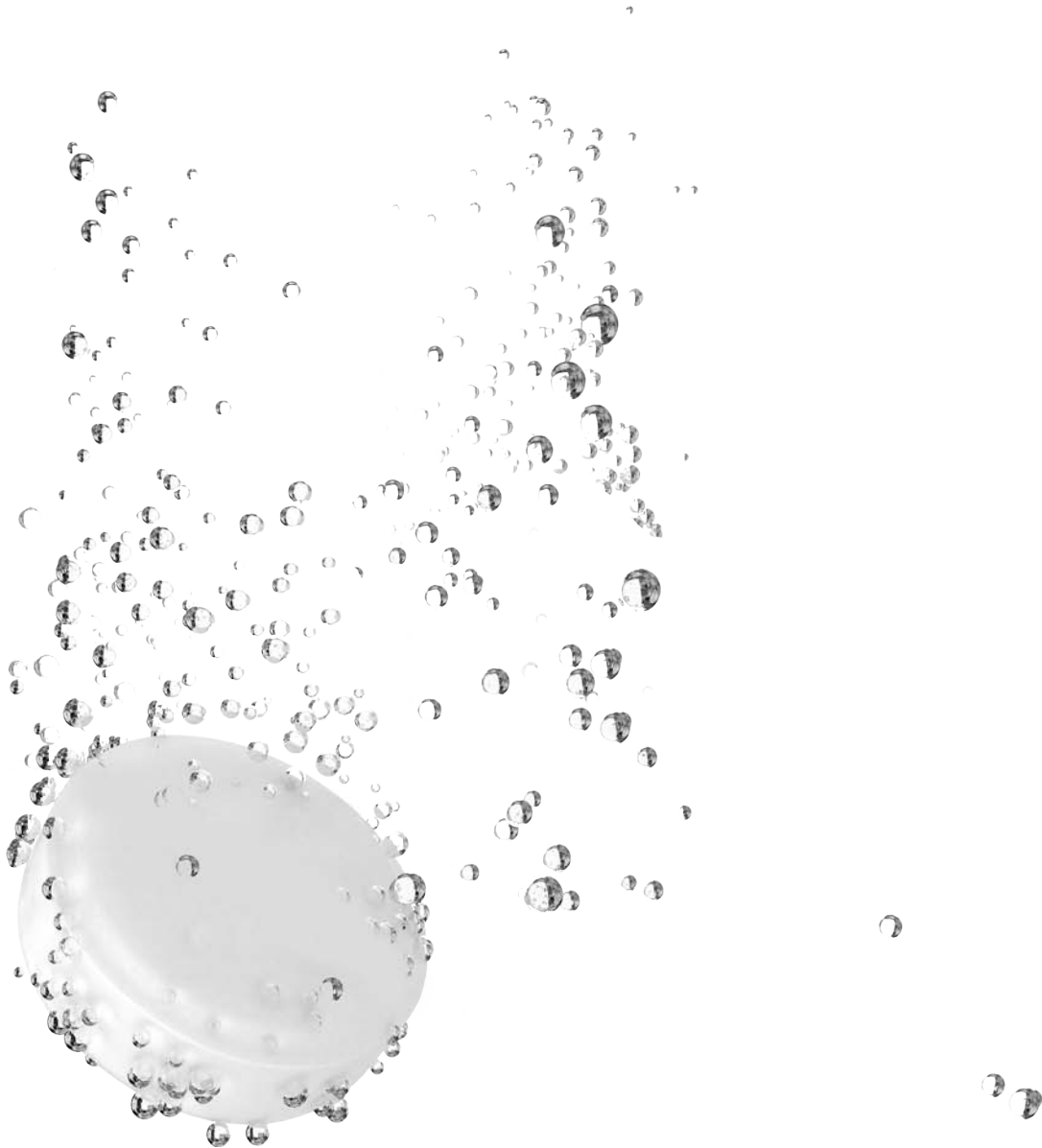




BruTab^{6S}[®]

**Effervescent Disinfectant
& Sanitizer Tablet**



TESTING SUMMARY

BruTab 6S is a US EPA registered broad spectrum disinfectant and sanitizer as has been demonstrated by its performance in tests that are prescribed and regulated by the federal government under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Human Microorganisms for Disinfection, Germicidal, Virucidal, and Fungicidal Claims		ATCC and/or Strain Number	Disease/Effect	4 minute contact time with organic soil load # tablets (ppm Solution)	10 minute contact time # tablets (ppm Solution)
<i>Mycobacterium bovis</i> (TB)	Bacteria	ATCC 35743	Tuberculosis (TB)	5 per gal. (5382 ppm)	
<i>Clostridium difficile</i>	Spores	ATCC 43598	Colitis	4 per gal. (4306 ppm)	2 per gal. (2153 ppm)
<i>Acinetobacter baumannii</i>	Bacteria	ATCC BAA-1709	Wound infections etc.	4 per gal. (4306 ppm)	
Carbapenan resistant <i>Klebsiella pneumoniae</i>	Bacteria	ATCC BAA-1705	Pneumonia	4 per gal. (4306 ppm)	
<i>Pseudomonas aeruginosa</i>	Bacteria	ATCC 15442	Septicemia	4 per gal. (4306 ppm)	1 per 2 gal. (538 ppm)
<i>Salmonella enterica</i>	Bacteria	ATCC 10708	Food poisoning	4 per gal. (4306 ppm)	1 per 2 gal. (538 ppm)
<i>Staphylococcus aureus</i>	Bacteria	ATCC 6538	Wound infections etc.	4 per gal. (4306 ppm)	1 per 2 gal. (538 ppm)
Norovirus	Virus (Non-Enveloped)	ATCC VR-782, Strain F-9	Gastroenteritis	4 per gal. (4306 ppm)	1 per gal. (1076 ppm)

<i>Enterococcus faecalis</i> Vancomycin Resistant (VRE)	Bacteria	ATCC 51299	Enteritis etc.		1 per gal. (1076 ppm)
<i>Escherichia coli</i> O157:H7	Bacteria	ATCC 35150	Food poisoning		1 per gal. (1076 ppm)
<i>Klebsiella pneumoniae</i>	Bacteria	ATCC 4352	Pneumonia		1 per gal. (1076 ppm)
<i>Staphylococcus aureus</i> MRSA & GRSA	Bacteria	ATCC 33592	Wound infections etc.		1 per gal. (1076 ppm)
<i>Staphylococcus epidermis</i>	Bacteria	ATCC 51624	Wound infections etc.		1 per gal. (1076 ppm)
Canine Parvovirus	Virus (Non-Enveloped)	ATCC VR-2017, Strain Cornell	Parvovirus disease		1 per gal. (1076 ppm)
Feline Calicivirus	Virus (Non-Enveloped)	ATCC VR-782, STRAIN F-9	Gastroenteritis		1 per gal. (1076 ppm)
Hepatitis A (Hepadnavirus)	Virus (Non-Enveloped)	Strain HM-175	Hepatitis A		1 per gal. (1076 ppm)
Poliovirus Type 1	Virus (Non-Enveloped)	ATCC VR-1000, Strain Brunhilde	Polio		1 per gal. (1076 ppm)
Canine Distemper	Virus (Enveloped)	ATCC VR-128, Strain Lederle	Canine distemper		1 per gal. (1076 ppm)
Hepatitis B (Duck)	Virus (Enveloped)	Strain Grimaud	Hepatitis B		1 per gal. (1076 ppm)
Herpes Simplex Type 1	Virus (Enveloped)	ATCC VR-733, Strain F(1)	Herpes		1 per gal. (1076 ppm)
Human Immunodeficiency Type 1	Virus (Enveloped)	Strain HTLV-III B	AIDS		1 per gal. (1076 ppm)
Newcastle disease	Virus (Enveloped)	ATCC VR-108, Strain B1 Hitchner or Blacksburg	Newcastle disease		1 per gal. (1076 ppm)
Pseudorabies	Virus (Enveloped)	ATCC VR- 135, Strain Aujeszky	Aujeszky's disease		1 per gal. (1076 ppm)
Influenza Virus (H1N1)	Virus (Enveloped)	ATCC VR-99	Swine flu		1 per 2 gal. (538 ppm)
Respiratory syncytial virus	Virus (Enveloped)	ATCC VR-26, Strain Long	Common cold		1 per 2 gal. (538 ppm)
Trichophyton mentagrophytes	Fungi	ATCC 9533	Athlete's Foot		1 per gal. (1076 ppm)

Food Contact Surface Sanitizer When used at 100 ppm solution, applied as outlined under Sanitizer Directions, BruTab 6S is an effective food contact surface sanitizer		ATCC and/or Strain Number	Disease/Effect	1 minute contact time # tablets (ppm Solution)
<i>Salmonella enterica</i>	Bacteria	ATCC 10708	Food poisoning	1 per 10 gal. (100 ppm)
<i>Staphylococcus aureus</i>	Bacteria	ATCC 6538	Wound infections etc.	1 per 10 gal. (100 ppm)

13.1g TABLET DILUTION CHART

Tablet Size	13.1 g	
Solution ppm (mg/L) Available Chlorine	Tablets	Gallons of Water
100	1	10
538	1	2
1076	1	1
2153	2	1
4306	4	1
5382	5	1

EPA Reg. No. 71847-6-106

EPA 17 MAY 2016

Refer to label for directions for use, claims and other organisms.

Color-coded use-dilution labels correspond to prepared solution using colors on chart above.

ANIMAL PATHOGENS

When used at 1076 ppm solution, applied as outlined under Disinfection/Virucidal Directions, BruTab 6S is effective against the following animal pathogens with a 10 minute contact time:

Canine Parvovirus
Newcastle Disease Virus
Pseudorabies
Canine Distemper Virus
Feline Calicivirus
Actinobacillus pleuropneumoniae
Avian influenza virus
Bordetella bronchiseptica (Rhinitis)
Brachyspira hyodysenteriae (Swine Dysentery)
 Infectious canine hepatitis
Clostridium perfringens
Gumboro disease virus
Porcine parvovirus
 Runtling and stunting syndrome virus (tenoosynovitis)
Streptococcus dysgalactiae
Streptococcus uberis
 Teschen/Talfan disease

Note: Only approved for use against *Canine Parvovirus*, *Newcastle Disease Virus*, *Pseudorabies*, *Canine Distemper Virus*, and *Feline Calicivirus* in the State of California.

PHYSICAL & CHEMICAL SPECIFICATIONS

Active Ingredient: Sodium dichloro-s-triazinetriene	48.21%
Working pH	6.5 +/- 0.5
Color	Clear
Odor	Slight Chlorine
OSHA GHS Rating In-Use	Non-Hazardous

STABILITY DATA

A stability study was carried out in April 2013. In this study it was found that solutions made up of strengths from 100 - 5382 ppm active chlorine, retained the required chlorine activity after storage for 7 days in a closed container at room temperature out of direct sunlight.

Based on this, BruTab 6S solutions can be used for up to 7 days if stored in a closed container such as a spray bottle or buddy bottle at room temperature out of direct sunlight. The solution should be replaced each week with freshly made solution.

MATERIAL SUBSTRATE COMPATIBILITY

Sodium dichloro-s-triazinetriene tablets dissolved in water produce a solution of hypochlorous acid.

The following chart shows the compatibility of a variety of materials with solutions up to 5,000 mg/L of available chlorine.

Metals	Compatibility
SS 304	A
SS 316	A
Aluminum	B
Brass	B
Bronze	B
Carbon Steel	C
Cast iron	C
Hasteloy C®	A
Titanium	A

The following chart shows the compatibility of a variety of materials with solutions up to 2,000 mg/L of available chlorine.

Plastics	Compatibility	Elastomers	Compatibility
ABS	A	Nitrile (Buna N)	A
CPVC	A	EPDM	A
Hytrel®	A	Hypalon®	A
HDPE	A	Kel-F®	A
LDPE	A	Santoprene®	A
Noryl®	A	Silicone	B
Polycarbonate	A	Tygon®	A
Polypropylene	A	Viton®	A
PPS	A	Nonmetals	Compatibility
PTFE	A	Carbon graphite	A
PVC	A	Ceramic A1203	A
PVDF	A	Ceramic magnet	A

Explanation of Ratings — Chemical Effect

A = Excellent.

B = Good – Minor Effect, slight corrosion or discoloration.

C = Fair – Moderate Effect, OK for short term use. Not recommended for continuous use. Some pitting may occur.

D = Severe Effect, not recommended for any use.

1

STRONG

One product for use throughout an entire facility

US EPA Registered Disinfectant: Kills *C. difficile* spores, TB, Norovirus and more in 4 minutes; Hospital Disinfectant; Meets OSHA Bloodborne Pathogens* Standard; Sanitizer Claim for Food Service Applications; Kills *Canine Parvovirus*.

** Kills HBV and HIV-1 on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids.*

2

SURFACE/USER FRIENDLY

Less damaging to surfaces and equipment — Use Dilution is OSHA GHS Non-Hazardous for Health, Physical or Environmental Classifications reducing risk/facilitating worker safety

Compared to bleach which is corrosive to eyes and skin even at the use dilution; Will not stain clothing like bleach; Similar pH to skin – will not burn the skin; Will not harm floor finishes.

** Test small area for color fastness before using.*

3

STABLE

Economical — lasts longer resulting in less waste

Longer shelf life in solution than bleach – 1 week compared to 1 day for bleach. Longer shelf life in tablet form than bleach – 3 years compared to 6 months for bleach. Continues working in the presence of organic load (i.e. blood and dirt). Sodium dichloro-s-triazinetrione retains killing power due to a 50 / 50 chemical equilibrium that continues to generate hypochlorous acid to replace that which is being used up in the process of destroying micro-organisms or contact with organic loads. This means that it is not inactivated by dirt/cloths/organic matter as easily as chlorine is depleted from bleach.

4

SUSTAINABLE

Cost-savings in multiple ways: Storage, Shipping, Handling, Waste Minimization

Small tablet size: Reduces SKUs – less warehouse space required to stock product compared to bleach and other liquid disinfectants. Reduces shipping costs. Non-hazardous shipping. Reduces packaging waste.

5

SIMPLE

Ease of training and usage

Exact dosage every time delivers accurate strength solution. Eliminates “measure and pour” guesswork. No dispensing equipment required.

6

SMELLS BETTER THAN BLEACH

Less odor

Less irritating to workers. Less irritating to staff, visitors and room occupants.

Distributed by:



PACKAGING INFORMATION

Availability

BuTab 6S 13.1g Tablet

Product No. 161021

- 256 Tablet Tub/2 (8N)



317.923.3211
WWW.BRULIN.COM
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