

MSDS: 1985 EFFECTIVE DATE: 10/29/86 REVISION OF: 3/18/99

DISPATCH[®] Material Safety Data Sheet

1. Product Identity

DISPATCH[®] Hospital Cleaner Disinfectant with Bleach

ITEM NUMBERS:

68963 — 8 oz Pump Spray Bottle
 68967 — 22 oz Trigger Spray Bottle
 68970 — 32 oz Trigger Spray Bottle
 68832 — 32 oz Pull Top Bottle
 68973 — 64 oz Refill
 68978 — 128 oz Refill
 69280 — 80 Piece Tub
 69101 — 50 Single-Piece Towels*

*Safety information pertains to solution on towels.

Manufactured by: Caltech Industries, Inc.
 2420 Schuette Drive, Midland, MI 48642

2. Ingredients

(Typical Values — Not Specifications)

Active Ingredients	CAS NO.	%	OSHA PEL	ACGIH TLV
Sodium Hypochlorite	007681-52-9	<1	Not Est.	Not Est.
Inert Ingredients ¹	--	>99	--	--

¹Includes water, detergents, stabilizer and fragrance

3. Physical Data

BOILING POINT: 212°F, 100°C.
 VAP PRESSURE: 17.5 mmHg at 20°C.
 VAP DENSITY: Not determined.
 APPEARANCE: Clear, colorless solution.
 SOLUBILITY IN WATER: Completely soluble.
 SPECIFIC GRAVITY: 1.013-1.017 (25°/25°C).
 pH: 12.2.
 ODOR: Slight bleach odor.

4. Fire & Explosion Hazard Data

NFPA HAZARD RATING: 0
 FLASH POINT: None
 FLAMMABLE LIMITS-LFL/UFL: Not applicable
 METHOD USED: TCC
 EXTINGUISHING MEDIA: Not combustible
 SPECIAL FIRE FIGHTING EQUIPMENT & HAZARDS: None.

52182
 49797
 820
 14855
 44441
 56849
 58928

5. Reactivity Data

NFPA HAZARD RATING: 1

STABILITY (Conditions To Avoid): Stability decreases with heat, light exposure, decreases in pH and contamination with heavy metals, such as nickel, cobalt, copper and iron.

INCOMPATIBILITY (Specific Materials To Avoid): Avoid contact with acid, reducing agents, or ammonia.

HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine in the presence of acids.

HAZARDOUS POLYMERIZATION: Will not occur.

6. Specific Hazards

NFPA HAZARD RATING: OX

Material is basic and an oxidizer. Do not mix with acidic materials such as certain toilet cleaners, ammonia, or with formaldehyde.

7. Health Hazard Data

NFPA HAZARD RATING: 0

EYES: May cause moderate irritation with corneal injury.

SKIN CONTACT: Prolonged or repeated exposure not likely to cause significant skin irritation.

SKIN ABSORPTION: A single prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts. The LD50 for skin absorption in rabbits is >4 g/kg.

INGESTION: Single dose oral toxicity is low. The oral LD50 for male and female rats is >5 g/kg. Amounts ingested incidental to industrial handling are not likely to cause injury.

INHALATION: No adverse effects are anticipated from inhalation.

SYSTEMIC & OTHER EFFECTS: No specific data available. However, repeated exposures are not anticipated to cause any significant adverse effects.

CARCINOGENICITY: Not listed as carcinogen by NTP, OSHA or IARC.

8. First Aid

EYES: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

SKIN: Wash off in flowing water or shower.

INGESTION: Drink a glass of water. Consult medical personnel.

INHALATION: No adverse effects anticipated by this route of exposure incidental to proper handling.

NOTE TO PHYSICIAN: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

9. Special Handling Information

VENTILATION: Good general ventilation should be sufficient for most conditions.

RESPIRATORY PROTECTION: No respiratory protection should be needed.

PROTECTIVE CLOTHING: No precautions other than clean body-covering clothing should be needed.

10. Spill, Leak & Disposal Procedures

ACTION TO TAKE FOR SPILLS/LEAKS: Isolate damaged goods. Spills should be diluted with water, then soaked up with suitable absorbent material.

DISPOSAL METHOD: Landfill in accordance with local, state, and federal regulations.

11. Special Precautions & Additional Information

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not mix with acidic materials such as certain toilet cleaners, ammonia, or with

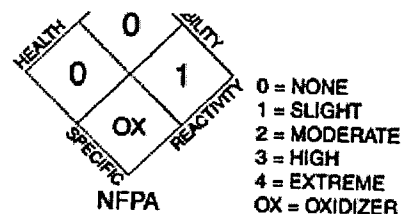


formaldehyde. Avoid eye contact.

The information herein is given in good faith, but no warranty, expressed or implied, is made.

DISPATCH is a registered trademark of Caltech Industries, Inc.

EMERGENCY PHONE: (517) 496-3110



Product Information

DISPATCH® Hospital Cleaner Disinfectant with Bleach

Rapid-Acting, One-Step Cleaner Disinfectant

DISPATCH® Hospital Cleaner Disinfectant with Bleach is a rapid-acting cleaner disinfectant that works in one step. A unique, stabilized bleach and detergent solution (bleach solution strength similar to the 1:10 solution strength recommended by the CDC for effective disinfecting), DISPATCH offers bleach strength disinfecting without the time-consuming task of mixing bleach; it also offers superior cleaning capability.

Fast-Acting Efficacy, EPA-Registered

This product has demonstrated efficacy for a broad range of organisms in one minute and TB (mycobacterium tuberculosis) in two minutes. The results of efficacy tests, conducted in accordance with the test methods of the Association of Official Analytical Chemists in the presence of organic soil (5% blood serum), are described below:

Organism	Contact Time (minutes)
Staphylococcus aureus	1
Salmonella choleraesuis	1
Pseudomonas aeruginosa	1
HIV-1 (AIDS virus)	1
Herpes simplex, HSV-2	1
Poliovirus, Type 1, Mahoney	1
Mycobacterium tuberculosis (TB)	2

Meets Bloodborne Pathogen Guidelines

This product meets OSHA, CDC, NCCLS and Universal Precautions Guidelines for healthcare worker protection from bloodborne pathogen contamination.

Cleans & Disinfects in One Step

- Excellent for removing blood and blood products, body fluids and excretions and everyday soil
- Cleans and disinfects in one step; no precleaning required; rarely needs rinsing

Convenient

- Available in liquid (sprays or refills) and pre-moistened, disposable towels

Versatile, Multiple Use Product

- Especially useful for laboratory countertops, point-of-care testing equipment such as blood glucose monitors, IV poles, respiratory and physical therapy equipment as well as general surfaces such as carts, bed frames and springs
- Excellent for cleaning and disinfecting laminated plastic countertops, stainless steel, plastic, ceramic tile, grout, vinyl plastics, fiberglass and porcelain

Outperforms Conventional Bleach Solutions

Unlike hand-diluted bleach solutions, this product:

- Is convenient and ready-to-use; no mixing or discarding of unused portions
- Does not rapidly deteriorate; stays stable to expiration date
- Is economical; eliminates daily mixing and use of a separate cleaning product
- Contains a pleasant fragrance and anti-corrosive agent

Size & Order Information

Item No.

68963 — 8 oz spray, (15) per case

68967 — 22 oz spray, (8) per case

68970 — 32 oz spray, (6) per case

68832 — 32 oz pull top, (6) per case

68973 — 64 oz refill, (6) per case

68978 — 128 oz refill, (4) per case

69280 — 80 piece tub, (12) tubs per case

69101 — 50 single-piece towels and dispenser, (6) dispensers per case

EPA Registration No. 56392-7

EPA Registration No. 56392-8



CALTECH

INDUSTRIES, INC.

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