



MATERIAL SAFETY DATA SHEET

MSDS: 1985

EFFECTIVE DATE: 10/29/86

REVISION OF: 9/01/93

SECTION 1 -- PRODUCT IDENTITY

PRODUCT NAME: DISPATCH® HOSPITAL STAINLESS & PLASTIC CLEANER DISINFECTANT WITH BLEACH, (All Sizes)
 PRODUCT ITEM NUMBERS: 68960 - 5 oz Squeeze Spray Bottle
 68965 - 16 oz Finger Pump Spray Bottle
 68970 - 32 oz Trigger Spray Bottle
 68973 - 64 oz Refill

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

SECTION 2 -- INGREDIENTS (Typical Values - Not Specifications)

	CAS NUMBER	%	OSHA PEL	ACGIH TLV
Sodium Hypochlorite	007681-52-9	< 1 %	Not Established	Not Established
Inert Ingredients (includes water, detergents, stabilizer and fragrance)		> 99%	---	---

SECTION 3 -- PHYSICAL DATA

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

SECTION 4 -- FIRE AND EXPLOSION HAZARD DATA NFPA HAZARD RATING: 0

FLASH POINT: None	FLAMMABLE LIMITS
METHOD USED: TCC	LFL/UFL: Not applicable
EXTINGUISHING MEDIA: Not combustible	
SPECIAL FIRE FIGHTING EQUIPMENT AND HAZARDS: None	

SECTION 5 -- REACTIVITY DATA NFPA HAZARD RATING: 1

STABILITY(CONDITIONS TO AVOID): Solutions of sodium hypochlorite are fairly stable in concentrations below 1%. Stability decreases with heat, light exposure, decrease in pH and contamination with heavy metals, such as, nickel, cobalt, copper and iron.

INCOMPATIBILITY(SPECIFIC MATERIALS TO AVOID): Avoid contact with acids, reducing agents and ammonia.

HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine in the presence of acids.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6 -- SPECIFIC HAZARDS NFPA HAZARD RATING: OX

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

SECTION 7 -- HEALTH HAZARD DATA

NFPA HAZARD RATING: 0

EYE: 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 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; however, ingestion of larger amounts may 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.

SECTION 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 judgement of the physician in response to reactions of the patient.

SECTION 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.

EYE PROTECTION: Use safety glasses or equivalent protection to avoid eye contact.

SECTION 10 -- SPILL, LEAK AND 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.

SECTION 11 -- SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

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