

# Material Safety Data Sheet

## PRODUCT CODE NUMBERS:

MDS098710, MDS098715, MDS098725, MDS098730

### SECTION 1

ISSUE DATE: 10-17-96

IDENTITY: **DYNA-HEX™ Chlorhexidine Gluconate Solution 4%**

#### MARKETED OR DISTRIBUTED BY:

Medline Industries, Inc.  
One Medline Place  
Mundelein, IL 60060  
**1.800.MEDLINE**

*Emergency Telephone Number:*

**Contact Your Regional Poison Control Center**

### SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAME(S))	CAS #	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	% (OPTIONAL)
Parachloroaniline (PCA)	106-47-8	NA	500 ppm		4%
Chlorhexidine	56-55-1	NA	NA	NA	
Iso-Propyl Alcohol	67-63-0	N/A	400 ppm	N/A	4%

### SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 206°F	SP GRAVITY (WATER=1): 1.06
VAPOR PRESSURE (MM HG): NA	MELTING POINT: D.N.A. Liquid
VAPOR DENSITY (AIR=1): N/A	EVAPORATION RATE (BUTYL ACETATE=1): Same as Water
SOLUBILITY IN WATER: Soluble	
APPEARANCE AND ODOR: Almost colorless to pale straw colored liquid, ammonia like odor.	

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 125°F Closed Cap		
FLAMMABLE LIMITS: Non-flammable	LEL: N/A	UEL: N/A
EXTINGUISHING MEDIA: Foam, dry chemical, CO <sub>2</sub> , water fog		
SPECIAL FIRE FIGHTING PROCEDURES: Must wear MSHA/NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water spray.		
UNUSUAL FIRE AND EXPLOSIVE HAZARDS: Thermal decomposition may produce toxic fumes of ammonia, hydrogen chloride and oxides of carbon and nitrogen.		

### SECTION 5 - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Storage over 37°C (104 F)
INCOMPATIBILITY (MATERIALS TO AVOID):
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: PCA
HAZARDOUS POLYMERIZATION: Will not Occur
CONDITIONS TO AVOID: Storage in excess heat (104°F) over a long period of time

# **Material Safety Data Sheet**

## **PRODUCT CODE NUMBERS:**

MDS098710, MDS098715, MDS098725, MDS098730

### **SECTION 6 - HEALTH HAZARD DATA**

ROUTE(S) OF ENTRY: INHALATION: No	SKIN: Not absorbed	INGESTION: Possible	
HEALTH HAZARDS (ACUTE AND CHRONIC): Hazardous to inner eye, flush thoroughly with water. Hazardous to middle ears with perforated ear drum.			
CARCINOGENICITY? None	NTP? None	IARC? None	OSHA REGULATED? No
SIGNS AND SYMPTOMS OF EXPOSURE: Skin and eye irritant			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis			
EMERGENCY AND FIRST AID PROCEDURES: Flush with water from eyes or ears for at least 15 minutes.			

### **SECTION 7 - SPILL, LEAK, AND WASTE DISPOSAL PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Flush with water. If irritation persists, get medical attention.
WASTE DISPOSAL METHOD: An acceptable method of disposal is to dilute with large amounts of water followed by discharge into a suitable treatment system in accordance with all regulatory agencies. Because acceptable methods of disposal may vary by location and because regulatory requirements may change, the appropriate regulatory agencies should be contacted prior to disposal.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not spill on skin or into eyes/ears.
OTHER PRECAUTIONS: Handle with care. In case of eye contact, immediately flush eyes with plenty of water. If irritation persists, seek medical attention.

### **SECTION 8 - CONTROL MEASURES**

RESPIRATORY PROTECTION (SPECIFY TYPE): None needed		
VENTILATION:	LOCAL EXHAUST: OK	SPECIAL: N/A
	MECHANICAL (GENERAL): N/A	OTHER: N/A
PROTECTIVE GLOVES: Wear protective gloves	EYE PROTECTION: chemical goggles	
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None needed		
WORK/HYGIENIC PRACTICES: Handle with care		

### **SECTION 9 - SPECIAL PRECAUTIONS**

None

### **SECTION 10 - ADDITIONAL INFORMATION**

None listed

*The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable.*

*Medline Industries, Inc. provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein.*

Issued: 10/17/96  
Revised: 12/31/01 Updated telephone information  
6/16/08 Updated all sections