

Parker Laboratories Inc.

MATERIAL SAFETY DATA SHEET

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Parker Laboratories Inc.
286 Eldridge Road
Fairfield NJ 07004
973-276-9500 (8:30am — 5:15pm)
EMERGENCY TELEPHONE: 800-631-8888

Health: 1
Flammability: 1
Reactivity: 0

PROTEX™ DISINFECTANT SPRAY

MATERIAL
Protex Disinfectant Spray

DATE ISSUED
06/02/09

DOT HAZARD CLASSIFICATION

Non-hazardous
DOT SHIPPING NAME
Not regulated
DOT LABEL
None

CAS NO. See Section I

SUPERCEDES
04/06/09

FORMULA Mixture

CHEMICAL NAME Mixture

***** I - INGREDIENTS *****

	APPROXIMATE WEIGHT %	TWA/TLV
Di-N-alkyl (C ₈₋₁₀) dimethylammonium chloride (CAS No. 68424-95-3)	0.05	None established
Linear primary and/or secondary alcohol ethoxylates	0.04	None established
N-Alkyl(C ₁₂₋₁₆)dimethylbenzylammonium chloride (CAS No. 68424-85-1)	0.03	None established
Tetrasodium ethylenediamine tetraacetate (CAS No. 64-02-8)	0.03	None established
Sodium metasilicate (CAS No. 6834-92-0)	0.01	None established
Water (CAS No. 7732-18-5)	99.8	None established

***** II - PHYSICAL AND CHEMICAL PROPERTIES *****

APPEARANCE Clear liquid	pH 11.0
VISCOSITY Not known	ODOR Mild odor
BOILING POINT Not known	MELTING OR FREEZING POINT Not known
VAPOR DENSITY (Air=1) Not known	VAPOR PRESSURE (mm Hg) Not known
PERCENT VOLATILE (by weight) 99.8	SOLUBILITY IN WATER Soluble
EVAPORATION RATE (Butyl Acetate=1) Not Known	SPECIFIC GRAVITY (WATER = 1) 1.00 @ 25°C

***** III - FIRE AND EXPLOSION INFORMATION *****

FLASH POINT >200°F **AUTO IGNITION TEMPERATURE** Not known

LOWER EXPLOSION LIMIT (%) Not applicable **UPPER EXPLOSION LIMIT (%)** Not applicable

EXTINGUISHING MEDIA	FOAM X	ALCOHOL FOAM	CO2 X
	DRY CHEMICAL X	WATER X	OTHER

SPECIAL FIRE FIGHTING PROCEDURES:
Must wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Products of combustion are toxic.

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***** IV HEALTH EFFECTS INFORMATION *****

PRIMARY ROUTES OF ENTRY: SKIN CONTACT X EYE CONTACT X
INHALATION INGESTION

EFFECTS OF OVEREXPOSURE

Based on the available animal toxicity information, it is anticipated that this material will cause mild or no skin or eye irritation upon direct or prolonged contact. No human overexposure data is available for this material.

OVEREXPOSURE MAY AGGRAVATE EXISTING CONDITIONS:

No effects indicated.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush eyes with plenty of water for several minutes. Seek medical attention if irritation develops.

Skin: Wash affected areas with plenty of water, and soap if available, for several minutes. Seek medical attention if irritation develops.

Ingestion: If swallowed, give 3-4 glasses of milk (if unavailable, give water), but DO NOT induce vomiting. If vomiting does occur, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. Do not give anything by mouth to an unconscious or convulsing person.

Inhalation: Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

CHEMICALS LISTED AS CARCINOGEN BY: (YES OR NO)

NATIONAL TOXICOLOGY PROGRAM -No

I.A.R.C. MONOGRAPHS -No

OSHA -No

***** V REACTIVITY INFORMATION *****

STABILITY: STABLE X UNSTABLE CONDITIONS TO AVOID
None known

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition may produce toxic vapors/fumes of amines and other organic materials, and oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION MAY OCCUR WILL NOT X OCCUR CONDITIONS TO AVOID
None known

INCOMPATIBILITY (MATERIALS TO AVOID)

WATER OTHER None known

***** VI SPILL AND DISPOSAL INFORMATION *****

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Caution! Floors may become slippery. Wear appropriate protective equipment and NIOSH/MSHA approved respirator where mist or vapors of unknown concentrations may be generated (self-contained breathing apparatus preferred)

Dike and contain spill with inert material (sand, earth, etc.) and transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water.

WASTE DISPOSAL METHODS

Dispose of in compliance with all Federal, state and local laws and regulations. Incineration is the preferred method.

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*****VI SPILL AND DISPOSAL INFORMATION (continued)*****

CONTAINER DISPOSAL

Triple rinse (or equivalent) . Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

***** VII PERSONAL PROTECTION INFORMATION *****

VENTILATION TYPE

In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices.

RESPIRATORY PROTECTION

Where mist or vapors are generated by the process, a NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls.

PROTECTIVE GLOVES

Rubber or neoprene, when needed, to prevent skin contact.

EYE PROTECTION

Wear chemical splash goggles where there is a potential for eye contact. Use safety glasses with side shields under normal use conditions.

OTHER PROTECTIVE EQUIPMENT

Eye wash; safety shower; protective clothing (long sleeves, coveralls or other, as appropriate), when needed, to prevent skin contact.

***** VIII - STORAGE AND HANDLING *****

PRECAUTIONS FOR STORAGE AND HANDLING:

Store at temperatures below 140°F. Keep containers closed until used.
Do not contaminate drinking water, food or feed by storage or disposal.

***** IX - TOXICITY INFORMATION *****

- eye irritation (rabbit): non-irritant (primary irritation index = 0.0)
- skin irritation (rabbit): non-irritant (primary irritation index = 0.0)

***** X - MISCELLANEOUS AND REGULATORY INFORMATION *****

FEDERAL LEVEL REGULATIONS:

This is an EPA registered pesticide (EPA Registration No. 6836-152-82613)

TOXIC SUBSTANCES CONTROL ACT (TSCA INVENTORY) STATUS:

Found on U.S. EPA TSCA inventory.

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act of 1980 requires notification of the National Response Center (Telephone 1 -800-424-8802) in the event of a release of quantities of the following hazardous materials contained in this product, if the release is equal to or greater than the Reportable Quantities (RQs) listed in 40 CFR 302.4:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
None known		

SARA Title III, Sections 302/304 (Superfund Amendments and Reauthorization act of 1986) - This act requires emergency planning, including agency notification, for possible release of the following components of this material, based upon the Threshold Planning Quantities (TPQs) and release Reportable Quantities (RQs) listed for the Components in 40 CFR 355:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
None known		

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*****X - MISCELLANEOUS AND REGULATORY INFORMATION (continued)*****

SARA Title III Sections 311/312 - This act requires reporting under the Community Right-to-Know provisions due to the inclusion of the following components of this material in one or more of the five hazard categories listed in 40 CFR 370:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Hazard *) Categories</u>
None known		

*) The five hazard categories are as follows: F=FIRE HAZARD; S= SUDDEN RELEASE OF PRESSURE; R=REACTIVE; A=IMMEDIATE (ACUTE) HEALTH HAZARD; C=DELAYED (CHRONIC) HEALTH HAZARD

SARA Title 313 - This act requires submission of annual reports of releases of the following components of this material if the threshold reporting quantities, as listed in 40 CFR 372, are met or exceeded:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
None known		

STATE RIGHT-TO-KNOW REGULATIONS:

CALIFORNIA PROPOSITION 65 - Components present in this material which the State of California has found to cause cancer, birth defects or other reproductive harm are as follows:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
Acetaldehyde	75-07-0	4 ppb
Benzene	71-43-2	100 ppb
Benzyl chloride	100-44-7	200 ppb
1,4-Dioxane	123-91-1	4 ppb
Ethylene oxide	75-21-8	<1 ppb
N-Nitrosodimethylamine	62-75-9	1 ppb
Propylene oxide	75-56-9	20 ppb
Toluene	108-88-3	100 ppb

MASSACHUSETTS Right-to-Know . The following components of this material are included in the Massachusets Substance List and are present at or above reportable levels:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
None known		

MICHIGAN Critical Materials . The following components of this material are included in the Michigan Critical Materials List:

<u>Chemical Name</u>	<u>CAS Number</u>
None known	

NEW JERSEY Right-to-Know . The following components of this material are included in the New Jersey Hazardous Substance List and are present at or above reportable levels:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
None known		

PENNSYLVANIA Right-to-Know . The following components of this material are included in the Pennsynvania Hazardous Substance List and are present at or above reportable levels:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
None known		