

MATERIAL SAFETY DATA SHEET

80-082

**PAULSEN & ROLES**
LABORATORIES1836 N.E. 7th Ave. • P.O. Box 12107 • Portland, OR 97212
(503) 282-3289

HMIS	HAZARD RATING	NFPA
2	HEALTH	2
0	FLAMMABILITY	0
0	REACTIVITY	0
None	SPECIAL	None

24-HR MEDICAL: (503) 494-8968

24-HR DOT: (800) 424-9300

GENERAL INFO: (503) 282-3289

Rating Scale: 0=Minimal 1=Slight
2=Moderate 3=High 4=Extreme

SECTION 1 -- PRODUCT IDENTIFICATION

PRODUCT: **HIGH Q**

MSDS CODE: PR4300.0692

GENERIC DESCRIPTION
Disinfectant CleanerDATE REVISED
6-1-92*SUPERSEDES
5-1-91PREPARED BY
Roger McFadden

* REASON FOR THIS REVISION: Addition of NFPA, DOT and TSCA information.

SECTION 2 -- INGREDIENT INFORMATION

COMPONENTS **	% BY WT	CAS #	EXPOSURE LIMIT		
			OSHA PEL	ACGIH TLV	OTHER
Quarternary Ammonium Salt Mix	01-03	068956-79-6	None	None	None
Tetrasodium EDTA	01-03	000064-02-8	None	None	None
Sodium Metasilicate	01-02	006834-92-0	None	None	None
Nonyl Phenol Surfactant	02-03	068412-54-4	None	None	None

Balance is water, colorant, and similar non-hazardous ingredients.

** There are no components in this product that are currently reportable in either SARA Title III: Section 313, 40 CFR part 372 or the California Proposition 65 requirements.

SECTION 3 -- HAZARD AND TOXICOLOGICAL INFO

PRIMARY ENTRY ROUTE: EYES: ☒ SKIN: ☒ INGESTION: ☒ INHALATION: ☒

SIGNS AND SYMPTOMS: Direct contact of product with skin and eye causes irritation. Prolonged or repeated contact of product with skin may cause burns. Breathing of vapors may cause some individuals to cough or cause irritation of nose and throat. If taken internally, product may cause corrosive damage to mouth, throat or stomach.

EFFECTS OF OVEREXPOSURE:

SKIN CONTACT: Causes skin damage. CORROSIVE.

EYE CONTACT: Causes eye damage. CORROSIVE.

INGESTION: Harmful or fatal if swallowed. Avoid contamination of food.

TOXICITY:

Acute Oral LD 50: 1.050 g/kg (Rats)

Skin: Primary irritation index 8.0 -- Severe Irritant (Rabbits)

Eye: Extreme ocular irritant (Rabbits)

SECTION 4 -- FIRST AID MEASURES

FIRST AID PROCEDURES:

Skin and Eye Contact: In case of contact, immediately flush eye or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. Ingestion: If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH PT (F): NONE (ASTM D92) FLAMMABLE LIMITS: LOWER: NA UPPER: NA
EXTINGUISHING MEDIA: FOAM X CO, X DRY CHEMICAL: X WATER FOG: X
SPECIAL FIRE FIGHTING PROCEDURES: Normal fire fighting procedures may be used. Keep wetted. Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers. Dike fire control water for later disposal.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Container may melt and leak in heat of fire. Use water spray to cool nearby containers exposed to fire.

SECTION 6 -- HANDLING, STORAGE AND ACCIDENTAL RELEASE

OTHER HANDLING & STORAGE INFORMATION: Keep out of reach of children. Store in a cool, dry place with adequate ventilation. Keep from freezing. Wash thoroughly after handling. Empty container may contain small amounts of undiluted product. Be certain to dispose of according to all regulations. Avoid inhalation of spray mist.
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spilled material onto sawdust or floor cleaning compounds. Dispose of this solid waste to conform with all Federal, State and Local regulations.

SECTION 7 -- EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY PROTECTION: No special requirements for normal use conditions.

VENTILATION TYPE: Mechanical.

PROTECTIVE GLOVES: Rubber gloves.

EYE PROTECTION: Wear splash-proof goggles.

OTHER PROTECTIVE MEASURES: Face shield.

SECTION 8 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOR:	Lt. green, pine	SPECIFIC GRAVITY (H ₂ O=1):	1.010
VAPOR PRESSUR (mm Hg):	NA	% VOLATILE BY VOLUME:	ND
SOLUBILITY IN WATER:	Complete	VAPOR DENSITY (Air=1):	NA
FREEZING POINT (F):	12	BOILING POINT (F):	NA
pH (2%):	11.0 - 11.2	EVAP. RATE (But Ac=100):	NA
pH (undiluted):	12.0 - 13.0	DENSITY (Lbs/Gal):	8.49

SECTION 9 -- STABILITY AND REACTIVITY

STABLE X UNSTABLE _ CONDITIONS TO AVOID: None known

INCOMPATABILITY (Materials to Avoid): None known.

HAZARDOUS PRODUCT DECOMPOSITION: None known.

HAZARDOUS POLYMERIZATION: None will occur.

SECTION 10 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INFORMATION: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to Federal or applicable State procedures under subtitle C of the Resource Conservation and Recovery Act.

SECTION 11 -- DOT AND TRANSPORTATION INFORMATION

DOT CLASS: Corrosive Material (Liquid) DOT #: NA 1760
SHIPPING NAME: Compound, cleaning, liquid.
SPECIAL INFO: Contains Quaternary Ammonium Chloride.

SECTION 12 -- REGULATORY AND ECOLOGICAL INFORMATION

PHOSPHATE CONTENT IN THIS PRODUCT:	None
VOLATILE ORGANIC COMPOUNDS (AS PACKAGED MINUS WATER):	4%
ARE ALL ORGANIC INGREDIENTS IN THIS PRODUCT BIODEGRADABLE?:	Yes
ARE ALL INGREDIENTS IN THIS PRODUCT LISTED ON TSCA LIST?:	Yes
INGREDIENTS LISTED AS CARCINOGENS ON NTP, IARC OR OSHA LISTS:	None

SECTION 13 -- OTHER INFORMATION

EPA REGISTRATION #: 6836-74-1802

Always follow label directions carefully when using this or any other chemical product. If information about this product is required, please contact the company listed on the first page. Keep MSDS filled and organized in an area accessible to workers according to the Hazard Communication Standards.

ABBREVIATIONS

NA=Not Applicable MSR=No Special Requirement ND=Not Determined

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