

MATERIAL SAFETY DATA SHEET

000103

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME BECT CHEMICAL CO., INC.		EMERGENCY TELEPHONE NO. (315) 432-0023
ADDRESS (Number, Street, City, State, and ZIP Code) 6100 Mautz Road P.O. Box 6488 Syracuse, New York 13217		
CHEMICAL NAME AND SYNONYMS Quaternary Detergent		TRADE NAME AND SYNONYMS Bect Sept. Tub Cleaner & Disinfectant.
CHEMICAL FAMILY	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	N/A		BASE METAL	N/A	
CATALYST	N/A		ALLOYS	N/A	
VEHICLE	N/A		METALLIC COATINGS	N/A	
SOLVENTS	N/A		FILLER METAL PLUS COATING OR CORE FLUX	N/A	
ADDITIVES	N/A		OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Alkyl (C 12, 61%; C 14, 23%; C 16, 11%; C8 & C 10, 2.5%; C 18, 2.5%) dimethyl benzyl ammonium chloride				3	
Alkyl (C 14, 58%; C16, 28%; C12, 14%) - dimethyl benzyl ammonium chloride				1.5	
Alkyl (C14, 90%; C16, 5%; C12, 5%) - dimethyl ethyl ammonium bromide				0.5	

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	212 D.F.	SPECIFIC GRAVITY (H ₂ O=1)	1.023
VAPOR PRESSURE (mm Hg.)	---	PERCENT VOLATILE BY VOLUME (%)	89
VAPOR DENSITY (AIR=1)	---	EVAPORATION RATE (-----=1)	--
SOLUBILITY IN WATER	Complete		
APPEARANCE AND ODOR Clear light yellow liquid, characteristic odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) None to boiling	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

None established

EFFECTS OF OVEREXPOSURE

May cause skin irritation or eye damage if
improperly handled.

EMERGENCY AND FIRST AID PROCEDURES

In case of skin or eye contact, flush thoroughly with
running water. If swallowed, drink quantities of water and call
physician.**SECTION VI - REACTIVITY DATA**

STABILITY

UNSTABLE

CONDITIONS TO AVOID

No not freeze or overheat-

STABLE

X

may separate

INCOMPATIBILITY (Materials to avoid)

Anionic Detergents

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Mop up-material may be slippery.

WASTE DISPOSAL METHOD

Normal Procedures

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Not needed

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Recommended for sensitive skin

EYE PROTECTION

Normally not needed

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not get in eyes, on skin or clothing. Harmful if
swallowed.

OTHER PRECAUTIONS