

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

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 432-0024
ADDRESS (Number, Street, City, State, and ZIP Code) 6100 Mautz Rd. P.O. Box 6488 Syracuse New York 13217		
CHEMICAL NAME AND SYNONYMS Alkaline Surfactant Blend		TRADE NAME AND SYNONYMS Bect Heavy Duty Cleaner #147
CHEMICAL FAMILY Detergents	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	—		BASE METAL	—	
CATALYST	—		ALLOYS	—	
VEHICLE	—		METALLIC COATINGS	—	
SOLVENTS	—		FILLER METAL PLUS COATING OR CORE FLUX	—	
ADDITIVES	—		OTHERS	—	
OTHERS	—				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
No Hazardous Materials					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	+212°F	SPECIFIC GRAVITY (H ₂ O=1)	1.06
VAPOR PRESSURE (mm Hg.)	—	PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)	—	EVAPORATION RATE (_____ =1)	—
SOLUBILITY IN WATER	complete		
APPEARANCE AND ODOR	Clear green liquid		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

None determined - Should not vaporize under normal use conditions

EFFECTS OF OVEREXPOSURE

Prolonged contact will remove natural skin oils and dry skin.

EMERGENCY AND FIRST AID PROCEDURES

Rinse off skin with water to avoid drying.

In case of eye contact flush thoroughly with water.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

Do not heat or freeze

STABLE

X

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS
POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

X

CONDITIONS TO AVOID

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Mop or otherwise soak up spill.

then rinse rest of concentrate from floor with water - concentrate may be slippery

WASTE DISPOSAL METHOD

Normal procedures

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

None required

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Normally not needed

EYE PROTECTION

Normally not needed

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store in extremely hot or

cold areas

OTHER PRECAUTIONS