

MATERIAL SAFETY DATA SHEET

WLC3319K

WLC3319N

WLC3319P

SARGENT-WELCH

P.O. BOX 1026

SKOKIE, IL 60076-8026

1-800-SARGENT

MSDS NO.

EFFECTIVE DATE

FEBRUARY 6, 1992

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

PRODUCT: BROMOTHYMOL BLUE, SODIUM SALT

CHEMICAL SYNONYMS: BROMOTHYMOL BLUE PH INDICATOR

FORMULA: C27H27O5BR2SNA

UNIT(S) SIZE: 1GRAM TO 100GRAMS.

C.A.S. NO.: 34722-90-2

CHEMTREC 800-424-9300

DAY 716-226-6177

NIGHT 716-334-4222

HEALTH 1

FIRE 0

REACTIVITY 0

NFPA HAZARD RATING

LEAST	SLIGHT	MODERATE	HIGH	EXTREME
0	1	2	3	4

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

PRINCIPAL HAZARDOUS COMPONENT(S)	%	TLV UNITS
BROMOTHYMOL BLUE, SODIUM SALT.	100%	NONE ESTABLISHED.

CAUTION! MAY BE HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRRITATION.

SECTION III PHYSICAL DATA

MELTING POINT(F): NOT LISTED.
 BOILING POINT(F): DECOMPOSES.
 VAPOR PRESSURE (MM HG): NEGLIGIBLE AS SOLID.
 VAPOR DENSITY (AIR+1): UNKNOWN.
 SOLUBILITY IN WATER: VERY SOLUBLE.
 APPEARANCE AND ODOR: LIGHT VIOLET POWDER; NO ODOR.
 SPECIFIC GRAVITY (H2O=1): NOT DETERMINED.
 PERCENT VOLATILE BY VOLUME (%): NEGLIGIBLE AS SOLID.
 EVAPORATION RATE (=1): NOT APPLICAL.

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NOT APPLICABLE
 FLAMMABLE LIMITS IN AIR % BY VOLUME: NA LOWER: UPPER:

EXTINGUISHING MEDIA: USE ANY MEDIA SUITABLE FOR EXTINGUISHING SUPPORTING FIRE.

SPECIAL FIREFIGHTING PROCEDURES: IN FIRE CONDITIONS, WEAR A NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

UNUSUAL FIRE AND EXPLOSION HAZARDS: FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS; CAN REACT VIGOROUSLY WITH OXIDIZING MATERIALS.

D.O.T.: NON-REGULATED

APPROVED BY U.S. DEPARTMENT OF LABOR "ESSENTIALLY SIMILAR" TO FORM OSHA-20

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMITED VALUE: NONE ESTABLISHED. (ACGIH 1983-84).

EFFECTS OF OVEREXPOSURE: MAY BE HARMFUL BY INHALATION, INGESTION OR SKIN ABSORPTION. MAY CAUSE IRRITATION. TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED. SPECIFIC DATA NOT AVAILABLE. EXERCISE APPROPRIATE PROCEDURES TO MINIMIZE POTENTIAL HAZARDS.

EMERGENCY AND FIRST AID PROCEDURES: INGESTION: IF SWALLOWED, IF CONSCIOUS, GIVE ONE OR TWO GLASSES OF WATER TO DRINK, INDUCE VOMITING. REPEAT UNTIL VOMIT FLUID IS CLEAR. CALL PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AND UNCONSCIOUS PERSON. SKIN: FLUSH WITH WATER, THEN WASH WITH MILD SOAP AND WATER. EYES: FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES, LIFTING LOWER AND UPPER EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION. INHALATION: IF INHALED AS DUST OR MIST, REMOVE TO FRESH AIR, TREAT SYMPTOMATICALLY AND GET MEDICAL ATTENTION.

SECTION VI REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: PROTECT FROM LIGHT. EXCESSIVE TEMPERATURE AND HEAT.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION WILL PRODUCE CARBON DIOXIDE AND PROBABLY CARBON MONOXIDE. BROMINE GAS AND OXIDES OF SULFUR MAY ALSO BE PRESENT.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NOT APPLICABLE.

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: RECOVER FOR USE IF NOT CONTAMINATED. WEAR PROTECTIVE SAFETY EQUIPMENT AND USE ADEQUATE VENTILATION. AVOID MAKING DUST. SWEEP UP AND PLACE IN A SUITABLE CONTAINER FOR DISPOSAL. FLUSH SPILL AREA WITH WATER. DO NOT ALLOW WASH WATER TO POLLUTE WATER WAYS AND STREAMS.

WASTE DISPOSAL METHOD: DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE OR LOCAL LAWS. THESE DISPOSAL GUIDELINES ARE INTENDED FOR THE DISPOSAL OF CATALOG-SIZE QUANTITIES ONLY.

DISPOSE OF IN AN APPROVED INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER OR LICENSED CHEMICAL WASTE DISPOSAL AGENCY.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATION PROTECTION (SPECIFY TYPE): NONE SHOULD BE NEEDED IN NORMAL LABORATORY HANDLING. IF DUSTY CONDITIONS PREVAIL, WORK IN A VENTILATION HOOD OR WEAR A NIOSH-APPROVED DUST MASK

VENTILATION: LOCAL EXHAUST: RECOMMENDED SPECIAL: NO
MECHANICAL (GENERAL): RECOMMENDED OTHER: NO

PROTECTIVE GLOVES: RUBBER
EYE PROTECTION: CHEMICAL SAFETY GLASSES.
OTHER PROTECTIVE EQUIPMENT: SMOCK, APRON, GOGGLES, PROPER GLOVES,
EYE WASH STATION, VENTILATION HOOD.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: STORE IN A COOL PLACE. AVOID CONTACT WITH SKIN AND EYES. DO NOT BREATHE DUST.
KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

OTHER PRECAUTIONS: READ LABEL ON CONTAINER BEFORE USING. DO NOT WEAR CONTACT LENSES WHEN WORKING WITH CHEMICALS.
REMOVE AND WASH CONTAMINATED CLOTHING.

FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD OR HOUSEHOLD USE. KEEP OUT OF REACH OF CHILDREN.

REV. NO.: NO. 2 DATE: 2/6/92
CHEMICAL SAFETY COORDINATOR: AP

APPROVED: ALEXANDER A. PICCIRILLI

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"ISSUED BY SARGENT-WELCH 09/12/92"