

22708-1001

MATERIAL SAFETY DATA SHEET

15 JULY 2008

MSDS ID=: 49-75-B ICMPH MSDS
 PRODUCT NAME: PH INDICATOR INK
 PART #: ICMPH-PUR49-75-B

SECTION I SUPPLIER INFORMATION

COMMON NAME: PH INDICATOR INK
 CHEMICAL NAME: N/A
 FORMULA/CAS: N/A
 SUPPLIER: NATIONAL INK LLC
 ADDRESS: 10870 HARTLEY ROAD
 CITY, STATE, ZIP: SANTEE, CA. 92071
 COUNTRY: UNITED STATES OF AMERICA

*****EMERGENCY PHONE:*****

US: 800)255-3924

INT'L: (813)248-0585

DATE ISSUED: 7-15-2008

DATE ENTERED: 7-15-2008

SECTION II INGREDIENT INFORMATION

GLYCOL CAS# 111464 WEIGHT: <20%
 PEL OSHA: NOT ESTABLISHED TLV-ACGIH: NOT ESTABLISHED

*****INGREDIENT HAZARD STATEMENT*****

THIS PRODUCT IS NOT IDENTIFIED AS A HAZARDOUS CHEMICAL UNDER THE OSHA
 HAZARDOUS COMMUNICATIONS STANDARD, (29 CFR 1910.1200).

THIS PRODUCT IS NOT REPORTABLE UNDER THE S.A.R.A. ACT OF 1986, TITLE III, SEC. 313
 (40 CFR PART 372).

THIS PRODUCT DOES NOT CONTAIN ANY KNOWN CHEMICAL REPORTABLE UNDER THE
 CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT OF 1986. (CA PROP 65).

ALL INGREDIENTS MEET TSCA REQUIREMENTS

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT : 212°F
 SPECIFIC GRAVITY (H2O = 1) : 1.026 - 1.031
 MELTING POINT : NOT ESTABLISHED
 VAPOR PRESSURE (mm HG) : NOT ESTABLISHED
 VAPOR DENSITY (AIR = 1) : NOT ESTABLISHED
 EVAPORATION RATE (BUTYL ACETATE=1) : LESS THAN 1
 SOLUBILITY/WATER : COMPLETE

*****APPEARANCE AND ODOR*****

PURPLE 49-75-B

*****ADDITIONAL INFORMATION*****

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : NON-FLAMMABLE WATER BASED INK
 AUTO IGNITION : NOT ESTABLISHED
 LEL : NOT ESTABLISHED
 UEL : NOT ESTABLISHED

*****NFPA HAZARD CLASSIFICATION*****

FLAMMABLE: 0 HEALTH: 1 REACTIVITY: 0 SPECIAL: 0

*****SPECIAL FIRE FIGHTING PROCEDURES*****

NONE KNOWN

*****UNUSUAL FIRE FIGHTING PROCEDURES*****

NONE KNOWN

SECTION V REACTIVITY DATA

STABILITY : PRODUCT IS STABLE
 AVOID : NONE

*****INCOMPATIBILITY (MATERIALS TO AVOID)*****

STRONG OXIDIZING AGENTS

*****HAZARDOUS DECOMPOSITION OR BY-PRODUCTS*****

NONE KNOWN

POLYMERIZATION : POLYMERIZATION WILL NOT OCCUR
 AVOID : NONE

SECTION VI HEALTH HAZARD DATA

*****ROUTES OF ENTRY*****

INHALATION : NO
 SKIN : YES
 INGESTION : YES
 EYES : YES

*****ADDITIONAL INFORMATION*****

CONTACT PERSON : MR. BRUCE GINDELBERGER
 GENERAL MANAGER

*****CARCINOGENICITY*****

NTP: NO IARC: NO OSHA: NO

*****ACUTE AND CHRONIC HEALTH HAZARDS*****

MAY CAUSE SKIN OR EYE IRRITATION

*****SIGNS AND SYMPTOMS OF EXPOSURE*****

INK MAY CAUSE SKIN TO STAIN. MAY CAUSE SKIN OR EYE IRRITATION.

*****MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE*****
NONE KNOWN

*****EMERGENCY AND FIRST AID PROCEDURES*****

INHALATION: REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION AS NEEDED.

EYES: IMMEDIATELY FLUSH WITH WATER CONTINUOUSLY FOR AT
LEAST 15 MINUTES. SEEK MEDICAL ATTENTION AS NEEDED.

SKIN: WASH WITH SOAP AND WATER. SEEK MEDICAL ATTENTION
AS NEEDED FOR HYPERSENSITIVITY.

INGESTION: DO NOT INDUCE VOMITING. CALL PHYSICIAN AND SEEK
MEDICAL ATTENTION PROMPTLY. TREAT FOR THE
PRESENCE OF INGREDIENT(S) CITED IN SECTION II.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

DOT CLASSIFICATION: NOT REGULATED BY DOT

*****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED*****
SOAK UP SPILL WITH INERT MATERIAL SUCH AS; VERMICULITE, DRY CLAY ABSORBENT OR
CHEMSORB. WIPE UP SMALL SPILLS WITH A CLOTH OR TOWEL. PREVENT RUN-OFF FROM
ENTERING DRAINS, SEWERS OR RIVERS.

*****WASTE DISPOSAL*****
WASTE DISPOSAL SHOULD BE IN ACCORDANCE WITH EXISTING FEDERAL, STATE AND
LOCAL ENVIRONMENTAL REGULATIONS

*****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE*****
STORE IN COOL, DRY AREA. AVOID FREEZING, SPARKS AND OPEN FLAMES. KEEP
CONTAINER CLOSED WHEN NOT IN USE.

*****OTHER PRECAUTIONS*****
AVOID PROLONGED CONTACT WITH SKIN.

SECTION VIII CONTROL MEASURES

*****RESPIRATORY PROTECTION*****
NONE REQUIRED

*****VENTILATION*****
LOCAL EXHAUST : AS NEEDED
SPECIAL EXHAUST : NONE
MECHANICAL EXHAUST : NONE

*****OTHER PROTECTION*****
NONE

GLOVES : CHEMICAL RESISTANT
EYE PROTECTION : CHEMICAL SAFETY GOGGLES

*****CLOTHING*****
IMPERMEABLE APRON TO PREVENT THE STAINING OF CLOTHES.

*****WORK/HYGIENE PRACTICES*****
ALWAYS WASH THOROUGHLY AFTER HANDLING PRODUCT AND BEFORE EATING,
DRINKING, SMOKING OR USING THE RESTROOM.

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REGULATIONS.

THIS IS THE END OF THE MSDS ID # 49-75-B ICMPH MSDS