

(52237-05)✓

60987-5101 ✖

KEYSTONE PACIFIC DIVISION
13767 MILROY PLACE
SANTA FE SPRINGS, CA 90670

TRADE NAME KEYSTONE OIL BLUE A NEW
PRODUCT CODE 206-036-51
PREPARED FOR YALEY ENTERPRISE

011620

PHONE 310-802-3937
EMERGENCY PHONE CHEM-TEL 800-255-3924

MATERIAL SAFETY DATA SHEET

Rcvd 03-09-00

IDENTIFICATION

COLOR INDEX NAME SOLVENT BLUE 36
CAS REGISTRY NUMBER 14233-37-5
CHEMICAL FAMILY ANTHRAQUINONE DYE

HAZARDOUS INGREDIENTS

COMPONENT	CAS#	CONCENTRATION	EXPOSURE LIMITS
SOLVENT BLUE 36	14233-37-5	100%	NOT ESTABLISHED ✖

* FOR AIRBORNE PARTICULATES THE OSHA P.E.L. (FOR INERT OR NUSIANCE DUST) IS 15 MG/M3 TOTAL DUST, 5 MG/M3 RESPIRABLE (29 CFR 1910.1000, TABLE Z-3) FOR ACGIH, THE T.L.V. IS 10 AND 5 MG/M3 RESPECTIVELY (ACGIH T.L.V. 1984-85).

PHYSICAL DATA

APPEARANCE & ODOR DARK BLUE POWDER, ODORLESS
SOLUBILITY IN WATER INSOLUBLE
BOILING POINT N/A
SPECIFIC GRAVITY N/A
BULK DENSTIY N/A
% VOLATILE BY VOLUME 0%
PH N/A

V-7074

FIRE AND EXPLOSION DATA

FLASH POINT N/A
FLAMMABLE LIMITS N/A
EXTINGUISHING MEDIA WATER, DRY CHEMICAL, CO2, FOAM
SPECIAL PROCEDURES

FOR FIRE FIGHTING
FIRE FIGHTERS SHOULD BE EQUIPPED WITH SELFCONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

UNUSUAL HAZARDS
ORGANIC DUSTS MAY FORM EXPLOSIVE MIXTURE WITH AIR AND IN THE

PRESENCE OF A SOURCE OF IGNITION. MAINTAIN GOOD HOUSEKEEPING TO MINIMIZE DUST ACCUMULATION.

* REACTIVITY DATA *

STABILITY STABLE
CONDITIONS TO AVOID NONE

POLYMERIZATION WILL NOT OCCUR
INCOMPATIBLE MATERIALS STRONG OXIDIZING AND REDUCING AGENTS

DECOMPOSITION PRODUCTS THERMAL DECOMPOSITION MAY YIELD OXIDES OF CARBON, NITROGEN, AND ACRID SMOKE AND FUMES.

* HEALTH HAZARDS *

ANIMAL TOXICITY
LD50 ORAL (RAT).....: > 5000 MG/KG
LD50 DERMAL (RABBIT).....: > 2000 MG/KG
EYE (RABBIT).....: INCONSEQUENTIAL IRRITATION
THIS MATERIAL WAS POSITIVE (+) IN THE AMES SALMONELLA PLATE ASSAY.

EFFECTS OF OVEREXPOSURE

SKIN CONTACT: IRRITATION CAN POSSIBLE OCCUR FOLLOWING PROLONGED OR REPEATED CONTACT

EYE CONTACT: CONTACT WITH THE OCULAR TISSUES CAN CAUSE MILD TO MODERATE IRRITATION.

INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION.

INHALATION: UNDER NORMAL CONDITIONS OF USE, NO ADVERSE EFFECTS ARE EXPECTED.

CARCINOGENIC LISTINGS: NONE

EMERGENCY FIRST AID PROCEDURES

INHALATION- IF INHALED, MOVE TO FRESH AIR. IF DIFFICULTY IN BREATHING, ADMINISTER OXYGEN AND GET IMMEDIATE MEDICAL ATTENTION.

INGESTION- IF SWALLOWED, CALL A PHYSICIAN.

EYE CONTACT- WASH WITH FLOWING WATER FOR AT LEAST 15 MINUTES, LIFTING EYELIDS TO IRRIGATE EYES THOROUGHLY. GET IMMEDIATE MEDICAL ATTENTION.

SKIN CONTACT- WASH AFFECTED SKIN AREA WITH SOAP AND WATER, IF IRRITATION DEVELOPS, CONSULT A PHYSICIAN. REMOVE AND LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

* **SPILL AND LEAK PROCEDURES** *

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
WHERE EXPOSURE IS NOT KNOWN, WEAR A NIOSH APPROVED DUST RESPIRATOR.
USING AN ABSORBANT TO PREVENT DUSTING, SWEEP OR SHOVEL SPILLS INTO
A WASTE DISPOSAL CONTAINER.

WASTE DISPOSAL METHOD
LANDFILL OR INCINERATE ACCORDING TO FEDERAL, STATE, AND LOCAL
REGULATIONS.

SPILL NOTIFICATION:
THIS PRODUCT MAY CONTAIN ONE OR MORE HAZARDOUS SUBSTANCES LISTED
EITHER BY THE U.S. EPA (CERCLA, 40 CFR 302.4) OR BY THE U.S. DOT
(49 CFR 172.101, APPENDIX), FOR WHICH A "REPORTABLE QUANTITY" (RQ)
HAS BEEN ESTABLISHED IF A QUANTITY EQUAL TO OR GREATER THAN THE
ESTABLISHED RQ IS RELEASED INTO THE ENVIRONMENT, THE NATIONAL
RESPONSE CENTER (NRC) AT 800-424-8802 MUST BE NOTIFIED IMMEDIATELY.

* **SHIPPING DATA** *

DOT REGULATED NO
HAZARD CLASSIFICATION NONE
SHIPPING LABEL NON-REGULATED

* **SPECIAL PROTECTION** *

RESPIRATORY PROTECTION- IN CASES WHERE THERE IS A LIKELIHOOD OF
INHALATION EXPOSURE TO POWDER (DUST), WEAR A NIOSH APPROVED DUST
RESPIRATOR.

PROTECTIVE GLOVES- WEAR IMPERVIOUS GLOVES AS A STANDARD HANDLING
PROCEDURE.

EYE PROTECTION- SAFETY GLASSES WITH SIDE SHIELDS OR CHEMICAL GOGGLES.

OTHER PROTECTION- WEAR APPROPRIATE EQUIPMENT TO PREVENT THE
PROBABILITY OF EXPOSURE AND PERSONAL CONTACT. DELUGE SAFETY
SHOWER AND EYE WASH SHOULD BE LOCATED NEAR WORK AREA.

VENTILATION- LOCAL EXHAUST IS RECOMMENDED, MECHANICAL EXHAUST IS
ACCEPTABLE.

* **OTHER REGULATORY INFORMATION** *

TSCA INVENTORY: YES
SARA TITLE III INFORMATION

SEC 313 - TOXIC CHEMICALS
NOT REPORTABLE

SEC 302 - EXTREMELY HAZARDOUS SUBSTANCES
NOT REPORTABLE

SEC 311/312 - HAZARD CATEGORIES

FIRE HAZARD : NO
PRESSURE HAZARD : NO
REACTIVITY HAZARD : NO
IMMEDIATE/ ACUTE HAZARD : NO
DELAYED/ CHRONIC HAZARD : NO

STATE-RIGHT-TO-KNOW

THE FOLLOWING CHEMICALS ARE SPECIFICALLY LISTED BY INDIVIDUAL STATES;
OTHER PRODUCT SPECIFIC HEALTH AND SAFETY DATA IN OTHER SECTIONS OF
THE MSDS MAY ALSO BE APPLICABLE FOR STATE REQUIREMENTS. FOR DETAILS
ON YOUR REGULATORY REQUIREMENTS YOU SHOULD CONTACT THE APPROPRIATE
AGENCY IN YOUR STATE.

COMPONENT

NO HAZARDOUS INGREDIENTS

*THESE FIGURES ARE TYPICAL RESULTS DETERMINED BY A RANDOM SAMPLE
ANALYSIS AND SHOULD NOT BE CONSTRUED AS LIMITS FOR THIS MATERIAL

* SPECIAL PRECAUTIONS *

A BULLETIN SUCH AS THIS CANNOT BE EXPECTED TO COVER ALL POSSIBLE
INDIVIDUAL SITUATIONS. AS THE USER HAS THE RESPONSIBILITY TO PROVIDE
A SAFE WORKPLACE ALL ASPECTS OF AN INDIVIDUAL OPERATION SHOULD BE
EXAMINED TO DETERMINE IF, OR WHERE, PRECAUTIONS - IN ADDITION TO
THOSE DESCRIBED HEREIN - ARE REQUIRED. ANY HEALTH HAZARD AND SAFETY
INFORMATION CONTAINED HEREIN SHOULD BE PASSED ON TO YOUR CUSTOMERS
OR EMPLOYEES, AS THE CASE MAY BE.

* RAW MATERIALS RATING *

HMIS HEALTH - 1
FIRE - 1
REACTIVITY - 1
PROTECTION - F

* OTHER DATA *

PREVIOUS REVISION
CURRENT REVISION 3/27/93

PERPARED BY
REVISED BY D SPOHN

FOR FURTHER INFORMATION, PLEASE CONTACT JOHN A ANDREWS 312-666-2015

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