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CHICAGO, ILLINOIS 60612
CORPORATE OFFICE: 312.666.2015
HEALTH & SAFETY FAX: 312.666.8530

TRADE NAME: KEYACID YELLOW 9803
PRODUCT ID: 501-601-50
PREPARED FOR: FISHER HAMILTON SCIENTIFIC
EMERGENCY PHONE: Call CHEMTEL 800.255.3924
HEALTH & SAFETY TEL: 312.666.2015

ANGIE

M A T E R I A L S A F E T Y D A T A S H E E T

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NOTE: DO NOT DETACH THIS GUIDANCE COVER SHEET FROM THE REST OF THIS DOCUMENT.
This page indicates the Keystone Trade Name and Product ID. This identifying information must be referenced when ordering products or making inquiries.

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A) YOUR CERTIFICATION OF COMPLIANCE UNDER FEDERAL AND STATE REGULATIONS

IMPORTANT NOTE: THIS DOCUMENT IS YOUR OFFICIAL CERTIFICATION OF COMPLIANCE as stated in each applicable section. It is compiled in accordance with OSHA's Hazard Communication standard (29 CFR 1910.1200), and other federal and state regulations.
NOTE: NO ADDITIONAL COMPANY CERTIFICATION OF COMPLIANCE IS REQUIRED WHEN COMPLIANCE IS INDICATED IN THE APPROPRIATE SECTION OF THIS DOCUMENT. To avoid use of outdated information, please completely destroy ALL previously dated MSDS' that are on file.

B) ABOUT THE FORMAT OF THIS MATERIAL SAFETY DATA SHEET

New and updated MSDS' are presented in the ANSI Z400.1 Sixteen-section format. All available information is included in systematic updates.

C) ABOUT THE PURPOSE AND AVAILABILITY OF THIS DOCUMENT

Under the federal OSHA Hazard Communication Standard and some State Right to Know laws, employers using this product in their operation must make this MSDS available to all employees handling this product in any manner. The MSDS must be readily available for review by all persons concerned.

This MSDS is designed to effectively communicate Health and Physical Hazards to the material handler and all other responsible persons concerned with Health and Environmental protection and regulatory compliance. Distributors receiving this MSDS are obligated to readily provide a copy to their customers, affiliates, and agents.

D) THE PRODUCT USER RESPONSIBILITY NOTICE

This type of document cannot cover all possible unique situations. It is the product user's responsibility to provide a safe workplace, and to pass on all Health, Safety and Environmental information to all employees and customers that may handle this product. Under 29 CFR 1910.1200, all product users and handlers must be informed of U.S. OSHA requirements, and the need to be familiar with them.

E) ABOUT CUSTOMER INQUIRIES

This MSDS includes all technical and Regulatory information available on the Effective Date. Please Fax technical questions directly to the appropriate laboratory. Chicago Lab Fax: 312-666-8530, or Los Angeles Lab Fax: 562-921-3461. Fax all health, safety & environmental questions to the Chicago office at 312-666-2015. Note: Product information requests will be expedited by providing:
1) The eight digit Keystone Product ID Number, 2) The complete Keystone Trade Name and 3) Detailed comments explaining the nature of our client's request or problem.

PREPARATION DATE

08-25-98

SECTION 1 CHEMICAL IDENTIFICATION

C.I. NAME : NA, PRODUCT IS A SPECIALTY COLOR MIXTURE
C.I. NUMBER : NA, MIXTURE CONTAINS MULTIPLE COLORS
CAS NUMBER : NA, MATERIAL IS BASED ON PROPRIETARY FORMULA
CHEMICAL FAMILY : BLEND CONTAINING MONOAZO DYE
PHYSICAL FORM : POWDER

SECTION 2 COMPOSITION INFORMATION ON HAZARDOUS INGREDIENTS

Table with 5 columns: COMPONENT, CAS NUMBER, PEL, TLV, %. Rows include ACID YELLOW 23* and C.I. ACID ORANGE 7.

*SEE SECTION 3 AND SECTION 11 FOR ADDITIONAL HEALTH & SAFETY INFORMATION

SECTION 3 HAZARD IDENTIFICATION AND EMERGENCY OVERVIEW

HMIS RATINGS

HEALTH * 1
FLAMMABILITY 1
REACTIVITY 0
PROTECTION F

* DENOTES DELAYED/CHRONIC HEALTH HAZARD

EMERGENCY OVERVIEW:

POSSIBLE EXPOSURES: EYES, SKIN, BREATHING DUSTS, ACCIDENTAL SWALLOWING

NOTE AS A GENERAL PRECAUTION, PERSONS KNOW TO HAVE, OR EVEN SUSPECTED OF HAVING ANY ALLERGIES OR SENSITIVITIES, SHOULD AVOID HANDLING OF AND EXPOSURE TO THIS PRODUCT. SEE THIS SECTION AND SECTION 11.

POSSIBLE HEALTH EFFECTS:

EYE CONTACT: THIS MATERIAL CAN CAUSE IRRITATION IN SOME PERSONS, BASED ON VARIOUS STUDIES CONDUCTED USING TARTRAZINE (ACID YELLOW 23) SEE 1
SKIN CONTACT: CAN CAUSE IRRITATION AND SENSITIZATION IN SOME PERSONS, BASED ON STUDIES USING TARTRAZINE (ACID YELLOW 23) SEE 1
BREATHING DUST: PRODUCT CAN POSSIBLY CAUSE SERIOUS ALLERGIC RESPIRATORY REACTIONS IN SOME PERSONS WITH IRRITATION TO THE NOSE, THROAT AND LUNGS, AND POSSIBLY COUGHING, WHEEZING, AND TIGHTNESS IN CHEST. SEE 1
SWALLOWING: CAN POSSIBLY CAUSE ITCHING, HIVES, BREATHING PROBLEMS, AND SOME LOCALIZED SWELLING, BASED ON VARIOUS STUDIES USING TARTRAZINE. SEE 1

EFFECTS OF OVEREXPOSURE: POSSIBLE MUTAGENIC HAZARD BASED ON POSITIVE AMES TEST AND OTHER EXPERIMENTS.

SENSITIZATION: CAN CAUSE SENSITIZATION IN SOME PERSONS. SEE 1
TARGET ORGANS: EYES, SKIN, LUNGS 1

CANCER INFORMATION:

PRODUCT AND COMPONENTS NOT KNOWN TO US TO BE CARCINOGENS
NTP: NK
IARC: NK
OSHA: NR

1-PRECAUTIONS:

TO HELP PROTECT AGAINST EXPECTED OR UNEXPECTED IRRITATIONS OR REACTIONS, WEAR ALL PROPERLY SELECTED PROTECTIVE EQUIPMENT AND CLOTHING AS SHOWN IN SECTION 8, PERSONAL PROTECTION/EXPOSURE CONTROL SECTION OF THIS MSDS.

AVOID PERSONAL CONTACT WITH DYE, AS PRECAUTION AGAINST POSSIBLE REACTIONS.

WASH HANDS AND FACE AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING OR

USING RESTROOM FACILITIES. AFTER EACH SHIFT, CLEAN PROTECTIVE EQUIPMENT, WASH ALL WORK CLOTHES, AND SHOWER. SEE SECTION 11, TOXICOLOGY INFORMATION.

UNUSUAL HAZARDS: IF MIXED WITH AIR IN SUFFICIENT AMOUNTS & PROPORTIONS, ORGANIC DUSTS CAN FORM FLAMMABLE OR EXPLOSIVE DUST/AIR MIXTURES. AS PRECAUTIONS, KEEP AREAS CLEAN AND AVOID DUST BUILD-UP. HAVE PLENTY OF GOOD VENTILATION. AVOID CREATING VERY DUSTY CONDITIONS. WHEN MIXING, POURING OR PROCESSING BULK AMOUNTS OF POWDERS, GROUND ALL CONTAINERS AND AVOID STATIC CHARGES, SPARKS, SMOKING, OPEN FLAMES, OR OTHER POSSIBLE CAUSES OF FIRE OR EXPLOSION.

SECTION 4 FIRST AID MEASURES

EYE CONTACT: IMMEDIATELY RINSE WITH PLENTY OF CLEAN FLOWING WATER FOR 15 TO 20 MINUTES, HOLDING EYELIDS OPEN TO RINSE COMPLETELY. CALL A DOCTOR, AND GET MEDICAL ATTENTION IMMEDIATELY, AS A PRECAUTION.

SKIN CONTACT: REMOVE AFFECTED CLOTHING. WASH AFFECTED SKIN AREA WITH PLENTY OF SOAP AND WATER. RINSE WITH PLENTY OF WATER. WASH ALL WORK CLOTHES BEFORE WEARING AGAIN. IF ANY REDNESS, SWELLING, ITCHING, OR PAIN OF THE SKIN STARTS, SEE A DOCTOR IMMEDIATELY.

BREATHING PRODUCT DUST: MOVE PERSON TO FRESH AIR. IF PERSON IS HAVING DIFFICULTY BREATHING, GIVE OXYGEN. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET EMERGENCY MEDICAL HELP IMMEDIATELY. CALL 911 IF AVAILABLE IN YOUR AREA, OR OTHER MEDICAL EMERGENCY NUMBER.

SWALLOWING OF PRODUCT: IF SWALLOWED, CALL A DOCTOR AND GET MEDICAL HELP IMMEDIATELY.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT : NA

TYPES OF EXTINGUISHERS : FAOM, CO2, DRY CHEMICAL, OR WATER SPRAY

FIREFIGHTING DIRECTIONS: WEAR SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POSSIBLY TOXIC FUMES. WEAR FULL FIRE-PROTECTIVE CLOTHING. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

SECTION 6 ACCIDENTAL SPILL OR RELEASE MEASURES

INSTRUCTIONS FOR SPILLS AND RELEASES:

WEAR A NIOSH APPROVED DUST RESPIRATOR, WITH ALL PROTECTIVE CLOTHING AND EQUIPMENT AS DIRECTED IN THE PERSONAL PROTECTION SECTION OF THIS MSDS.

CONTAIN AND CLEAN UP SPILL IMMEDIATELY. SWEEP POWDERS CAREFULLY, USING AN ABSORBENT (SWEEPING COMPOUND) TO KEEP DOWN THE DUST IN THE AREA. SCOOP MATERIAL & ABSORBENT INTO DISPOSAL DRUM, AND SEAL.

RCRA STATUS: SEE REGULATORY INFORMATION, SECTION 15.

ENVIRONMENTAL PROTECTION: PREVENT FROM ENTERING FLOOR DRAINS OR SEWERS. DO NOT RELEASE TO SEWER WITHOUT ALL PROPER GOVERNMENT AUTHORITIES PERMISSION.

SEE SECTION 13, DISPOSAL CONSIDERATIONS/ENVIRONMENTAL PROTECTION PROCEDURES FOR ANY ADDITIONAL INFORMATION.

SECTION 7 HANDLING AND STORAGE

PROTECT PRODUCT FROM MOISTURE, STORE IN COOL, DRY PLACE UNDER LOW RELATIVE HUMIDITY, AWAY FROM EXCESSIVE HEAT. STORE IN ORIGINAL OR SIMILAR WATER-PROOF CONTAINERS. RESEAL CONTAINERS TIGHTLY AFTER EACH USE. PROTECT FROM MOISTURE.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

NOTE: WHEN SELECTING PERSONAL PROTECTIVE EQUIPMENT AND CLOTHING, FOLLOW ALL MANUFACTURER SPECIFICATIONS AND RECOMMENDATIONS THAT APPLY TO YOUR SPECIFIC OPERATIONS AND PROCESSING CONDITIONS. TAKE INTO CONSIDERATION ALL CONDITIONS AND ALL CHEMICALS TO BE HANDLED OR PROCESSED

EYE PROTECTION: WEAR SPLASH-PROOF CHEMICAL SAFETY GOGGLES. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH CHEMICALS.

SKIN PROTECTION: WEAR CHEMICALLY RESISTANT RUBBER GLOVES SELECTED FOR YOUR SPECIFIC PROCESSING CONDITIONS. WEAR AN APRON, LONG SLEEVED SHIRT & PANTS. WEAR COVERALLS AND BOOTS TO MINIMIZE SKIN CONTACT. AS PRECAUTIONS, WASH HANDS & FACE WITH MILD SOAP & WATER BEFORE EATING, DRINKING, SMOKING, OR USING RESTROOM. AFTER EACH SHIFT, CLEAN ALL PROTECTIVE EQUIPMENT, WASH WORK CLOTHES, AND SHOWER.

LUNG, THROAT & NASAL PROTECTION: WEAR NIOSH APPROVED DUST RESPIRATOR FOR YOUR PARTICULAR OPERATION AND MATERIALS BEING HANDLED.

OTHER PROTECTION: EYE WASH FOUNTAINS & DRENCH SHOWERS SHOULD BE LOCATED WITHIN 100 FEET OR A 10 SECOND WALK OF THE WORK AREA PER ANSI Z358.1-1990

VENTILATION: LOCAL EXHAUST IS RECOMMENDED.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION : POWDER; SOUR ODOR
MELTING POINT : NE
WATER SOLUBILITY : SOLUBLE (TEST FOR PARTICULAR APPLICATION)
PH : NE

SECTION 10 STABILITY AND REACTIVITY

STABILITY : STABLE
CONDITIONS TO AVOID : PROTECT FROM MOISTURE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
INCOMPATIBLE MATERIALS : MOLTEN ACTIVE METALS, INCLUDING ALUMINUM AND MAGNESIUM.
HAZARDOUS DECOMPOSITION PRODUCTS: BURNING CAN PRODUCE CARBON DIOXIDE, CARBON MONOXIDE AND OXIDES OF SULFUR

SECTION 11 TOXICOLOGY INFORMATION

FOR (TARTRAZINE) C.I. ACID YELLOW 23
ORAL LD50 (RAT): NE
DERMAL LD50 (RAT): NE
INHALATION LC50 (RAT): NE

EYE EFFECTS (RABBIT): NE 1
SKIN EFFECTS (RABBIT): NE 1 SEE OTHER DATA BELOW
BREATHING EFFECTS: NE 1 SEE OTHER DATA BELOW

FOR C.I. ACID ORANGE 7:
ORAL LD50 (RAT): 15,000 MG/KG
DERMAL LD50 (RAT): NE
INHALATION LC50 (RAT): NE

EYE EFFECTS (RABBIT): NON-IRRITANT
SKIN EFFECTS (RABBIT): NON-IRRITANT
BREATHING EFFECTS (RABBIT): NE. TAKE PRECAUTIONS

HEALTH WARNING

AS A GENERAL PRECAUTION, ANY PERSONS HAVING ALLERGIES, ANY CHEMICAL SENSITIVITIES, OR PERSONS EVEN SUSPECTED OF HAVING ALLERGIES OR ANY POSSIBLE SENSITIVITIES, SHOULD AVOID ANY HANDLING OR CONTACT WITH THIS DYE.

OTHER DATA

IN TEST GROUPS OF SENSITIVE PERSONS, THE FOLLOWING REACTIONS WERE OBSERVED, AND ARE PRESENTED AS A GENERAL CAUTION WHEN ONE MAY BE EXPOSED TO THIS DYE MATERIAL. THE FOLLOWING EFFECTS AS NOTED IN SOME PERSONS ARE BASED ON "MONO AZO DYE & PIGMENT TOXICOLOGICAL PROFILES", FINAL REPORT, AUGUST 1981

IMPORTANT NOTE

THE FOLLOWING INFORMATION CONTAINS EXCERPTS FROM THE ABOVE STUDY, AND DOES NOT CLAIM TO COVER ALL POSSIBLE REACTIONS OR EFFECTS ON ANY INDIVIDUALS. IT IS OFFERED AS A GENERAL ALERT AND AS A SAMPLING OF STUDY RESULTS. IT'S INTENT IS TO CAUTION ALL USERS OF THIS PRODUCT TO FOLLOW ALL RECOMMENDED PRECAUTIONS AND PROTECTIVE MEASURES IN SECTION 8, AND TO HELP TO AVOID ANY POSSIBLE NEGATIVE HEALTH EFFECTS IN ANY EXPOSED PERSONS.

CASES WHERE REPORTED OF INDIVIDUALS DEVELOPING ALLERGIC REACTIONS SUCH AS BRONCHIAL INFLAMMATION, HIVES, AND ITCHING AFTER TAKING MEDICATIONS CONTAINING TARTRAZINE. THOUGH VERY RARE, ONE CASE HISTORY NOTED A WOMAN EXPERIENCING BLEEDING FROM THE EAR, NOSE, GUMS AND BOWEL, ACCOMPANIED BY CHILLS AND FEVER. MOST OTHER FINDINGS WERE NORMAL.

IN ONE STUDY, HYPERSENSITIVITY REACTIONS WERE NOTED IN SEVEN OF EIGHT ASPIRIN-SENSITIVE PERSONS GIVEN 1 TO 2 MG TARTRAZINE ORALLY IN WATER. SYMPTOMS RANGED FROM AN ABOVE NORMAL INCREASE IN NUMBER OF RED BLOOD CELLS, SKIN REDNESS, AND ITCHING TO SEVERE HIVES, SWELLING OF THE THROAT, AND SEVERE ASTHMA LASTING 4 DAYS.

DATA FROM ONE STUDY INDICATED ABOUT ONE-THIRD OF THE ALLERGIC POPULATION INVESTIGATED WAS CLINICALLY AFFECTED BY TARTRAZINE.

- 1) AS PRECAUTIONS TO HELP MINIMIZE CONTACT, WEAR ALL PROTECTIVE EQUIPMENT AND CLOTHING AS INSTRUCTED IN THE EXPOSURE CONTROLS AND PERSONAL PROTECTION SECTION OF THIS MSDS. SEE SECTION 8.

GENERAL PRECAUTIONS: ALWAYS PRACTICE GOOD INDUSTRIAL HYGIENE, HANDLE WITH CARE, AVOID PERSONAL CONTACT. DO NOT GET INTO EYES OR ON SKIN, DO NOT BREATHE DUST OF PRODUCT, DO NOT SWALLOW. WASH HANDS WITH SOAP AND WATER, AND RINSE WELL AFTER HANDLING PRODUCT. SHOWER AFTER EACH SHIFT. WASH ALL WORK CLOTHING AND COMPLETELY CLEAN ALL PROTECTIVE EQUIPMENT AFTER EACH SHIFT. SEE SECTION 2.

FOR C.I. ACID ORANGE 7:

MUTAGENICITY: POSSIBLE MUTAGENIC HAZARD BASED ON POSITIVE AMES TEST AND OTHER EXPERIMENTS.

FOR C.I. ACID ORANGE 7:

ADDITIONAL INFORMATION: CAN CAUSE LIVER, BLOOD OR TESTICULAR EFFECTS, IF SWALLOWED, BASED ON TESTS WITH RATS.

MEDICAL CONDITIONS WORSENER BY EXPOSURE: PERSONS WITH BREATHING AND LUNG PROBLEMS CAN BE AFFECTED BY BREATHING IN ANY TYPE OF DUSTY MATERIAL. PERSONS WITH ASTHMA, ALLERGIES, OR OTHER BREATHING-RELATED PROBLEMS SHOULD STAY AWAY FROM, NOT HANDLE, AND NOT BE EXPOSED TO ANY DUSTY PRODUCTS OR DUSTY CONDITIONS AS A PRECAUTIONARY MEASURE.

SECTION 12 ECOLOGICAL DATA

BOD 5: NE

COD: NE

FISH TOXICITY: NE

SEED TOXICITY: NE

CWA TOXIC POLLUTANTS: NK

BIOLOGICAL ELIMINATION: NE

SECTION 13 DISPOSAL CONSIDERATIONS/ENVIRONMENTAL PROTECTION PROCEDURES

DISPOSAL METHODS:

IT IS RECOMMENDED THAT YOU SELECT AN ALTERNATIVE BELOW ACCORDING TO THE FOLLOWING ORDER OF PREFERENCE, DEPENDING ON ENVIRONMENTAL IMPACT:

- 1) RECYCLE OR REWORK MATERIAL IF AT ALL POSSIBLE
- 2) INCINERATE MATERIAL AT AN APPROVED FACILITY
- 3) TREAT AT AN ACCEPTABLE WASTE TREATMENT FACILITY, OR MUNICIPAL WASTE TREATMENT PLANT AFTER PROPER TESTING & APPROVAL WASTE SAMPLES.

IF DISPOSED OF IN IT'S ORIGINAL UNUSED FORM, THIS MATERIAL SHOULD BE TREATED, AND DISPOSED OF AT AN APPROVED SITE OR FACILITY, IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE & LOCAL ENVIRONMENTAL REGULATIONS. YOU MUST CONTACT THE PROPER GOVERNMENT AGENCIES FOR ADDITIONAL DIRECTIONS. ALL WASTE MATERIAL & WASTE WATER SHOULD BE DISPOSED OF CORRECTLY, UNDER ALL FEDERAL, STATE, CITY & COUNTY LAWS.

RCRA STATUS: SEE SECTION 15, REGULATORY INFORMATION

DO NOT RELEASE DYE OR DYE SOLUTION INTO ANY WATERWAYS OR SEWER SYSTEMS WITHOUT PROPER GOVERNMENT AUTHORIZATION.

CONTAINER REUSE: AN "EMPTY" CONTAINER CAN CONTAIN PRODUCT RESIDUE, AND SHOULD NOT BE REUSED. IF NOT PROFESSIONALLY CLEANED & RECONDITIONED, CRUSHING OR OTHER MEANS IS RECOMMENDED TO PREVENT UNAUTHORIZED REUSE.

SECTION 14 TRANSPORT INFORMATION

DOT STATUS (HIGHWAY AND RAIL): NR

SECTION 15 REGULATORY INFORMATION

AICS (AUSTRALIA): COMPONENTS LISTED
CAA: PRODUCT IS NOT MANUFACTURED WITH, NOR DOES IT CONTAIN CLASS I OR CLASS II OZONE DEPLETING CHEMICALS.
CAL. PROP. 65: EXPECTED TO CONTAIN INCIDENTALLY PRESENT TRACE AMOUNTS OF CADMIUM, CHROMIUM, LEAD AND MERCURY.
CONEG-TYPICAL METALS ANALYSIS IN PPM:
CADMIUM NE
CHROMIUM NE
LEAD NE
MERCURY NE
(SUM EXPECTED TO BE @ <100 PPM)
ALSO EXPECTED TO CONTAIN A VERY LOW PPM QUANTITY OF NICKEL
DSL (CANADA): COMPONENTS LISTED
ECL (KOREA): COMPONENTS LISTED
EINECS (EUROPE): COMPONENTS LISTED
ENCS (JAPAN): COMPONENTS LISTED
FDA STATUS: NL
OTHER TYPICAL DATA IN PPM: NE

RCRA: NOT HAZARDOUS IN IT'S PURCHASED FORM. HOWEVER, UNDER RCRA, IT IS THE PRODUCT USER'S RESPONSIBILITY TO DETERMINE AT TIME OF DISPOSAL IF ANY MATERIAL CONTAINING THE PRODUCT OR DERIVED FROM THE PRODUCT IS A HAZARDOUS WASTE.

SARA 311/312: IMMEDIATE/ACUTE HEALTH HAZARD : YES
DELAYED/CHRONIC HEALTH HAZARD : YES
FIRE HAZARD : NO
SUDDEN RELEASE OF PRESSURE HAZARD: NO
REACTIVITY HAZARD : NO

SARA 313: NR
TSCA: COMPONENTS LISTED
USDA: NL
WHMIS: NC

SECTION 16 OTHER INFORMATION

CODE KEY

NA = NOT APPLICABLE TO THIS MATERIAL
NC = NOT CERTAIN, UNDETERMINED
ND = NO DATA IS CURRENTLY AVAILABLE
NE = NOT ESTABLISHED, NO TESTING IS PLANNED
NH = NOT HAZARDOUS UNDER CITED REGULATIONS
NK = NONE KNOWN, NO INFORMATION FOUND IN DATA SEARCHS
NL = NOT LISTED OR APPROVED UNDER THESE REGULATIONS
NR = NOT REGULATED OR REPORTABLE

NIOSH = NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN. THIS MATERIAL SAFETY DATA SHEET WAS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200, AND SUPERSEDES ANY PREVIOUS INFORMATION. PREVIOUSLY DATED SHEETS ARE INVALID & UNAPPLICABLE.