HUE CORPORATION
Color your everything, may your Hue come true

SECTION I. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT IDENTIFIER:

PRODUCT NAME .................. HUE URANINE CONC (Also known as Fluorescein)
PRODUCT NUMBER .............. 1-C8-073PC
COLOR INDEX NAME ............. ACID YELLOW 073
COLOR INDEX NO ............... 45350
C. A. S. # ....................... 518-47-8
CHEMICAL FAMILY ............. XANTHENE

INTENDED USE OF THE PRODUCT:

FELT TIP, MARKER INKS, WATER BASED COATINGS AND LEAK DETECTION

NAME, ADDRESS AND TELEPHONE OF RESPONSIBLE PARTY:

HUE CORPORATION TELEPHONE 714-389-3130
P.O. BOX 509 FAX 714-389-9731
TUSTIN, CA 92781 EMAIL SUPPORT@HUECORPORATION.COM

EMERGENCY TELEPHONE NUMBER:

CHEMTREC (USA) 1-800-424-9300
CHEMTREC (OUTSIDE USA) 1-703-527-3887

SECTION 2. HAZARD(S) IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

GHS-US
ACUTE TOX. - INHALATION (CATEGORY 5)
EYE DAM./IRRITATION (CATEGORY 2B)
SKIN CORR./IRRITATION (CATEGORY 3)

GHS LABELING:

HAZARD PICTOGRAMS (GHS-US): NO SYMBOL

SIGNAL WORD WARNING

HAZARD STATEMENT(S) H333 - MAY BE HARMFUL IF INHALED
H320 - CAUSES EYE IRRITATION
H316 - CAUSES MILD SKIN IRRITATION

PRECAUTIONARY STATEMENTS P305 + 351 + P338 - IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR
SEVERAL MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY
TO DO. CONTINUE RINSING.
P337 + P313 - IF EYE IRRITATION OCCURS/PERSISTS: GET MEDICAL ADVICE AND ATTENTION.
P261 - AVOID BREATHING DUST/FUMES/GAS/MIST/VAPORS/SPRAY
P322 + P313 - IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION.
P304 + 312 - IF INHALED: CALL A POISON CENTER/DOCTOR/PHYSICIAN IF YOU FEEL UNWELL

OTHER HAZARDS
UNKNOWN ACUTE TOXICITY
NO DATA AVAILABLE
NO DATA AVAILABLE

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS
DESCRIPTION OF MIXTURE: PROPRIETARY MIXTURE OF DYES.

SUBSTANCE:
NAME       C.A.S.#      WEIGHT 100%          GHS-US CLASSIFICATION
ACID YELLOW 073  518-47-8  100%  ACUTE TOX. - INHALATION (CATEGORY 5)
                EYE DAM./IRRITATION (CATEGORY 2B)
                SKIN CORR./IRRITATION (CATEGORY 3)

SECTION 4. FIRST AID MEASURES
FIRST AID MEASURES GENERAL:
INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN AND GET IMMEDIATE MEDICAL ATTENTION.
SKIN: WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCURS GET MEDICAL ATTENTION. IF CLOTHING IS CONTAMINATED, REMOVE AND WASH BEFORE REUSE.
EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES, HOLDING EYELIDS APART FOR THOROUGH IRRIGATION. GET IMMEDIATE MEDICAL ATTENTION.
INGESTION: INDUCE VOMITING - SEEK IMMEDIATE MEDICAL ATTENTION.

MOST IMPORTANT SYMPTOMS AND EFFECTS, ACUTE AND DELAYED:
THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY HAZARDOUS COMMUNICATION STANDARD. HOWEVER, AS WITH ALL CHEMICAL; HANDLE WITH CARE, AVOID EYE AND SKIN CONTACT, AVOID INHALATION OF DUSTS OR VAPORS. WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINERS CLOSED.

SECTION 5. FIRE-FIGHTING MEASURES
EXTINGUISHING MEDIA:
WATER, DRY CHEMICAL, CARBON DIOXIDE, FOAM.
SPECIAL HAZARDS ARISING FROM SUBSTANCE OR MEDIA:

FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS TO GUARD AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES. AVOID DUSTING. DUST CAN FORM EXPLOSIVE MIXTURES WITH AIR.

PROTECTION/ADVICE FOR FIREFIGHTER(S):

BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

REMOVE PERSONS FROM DANGER AREA.

ENVIRONMENTAL PRECAUTIONS:

AVOID ANY UNCONTROLLED RELEASE OF MATERIAL. DO NOT EMPTY INTO DRAINS OR THE AQUATIC ENVIRONMENT.

EMERGENCY PROCEDURES:

NO ADDITIONAL INFORMATION

METHODS AND MATERIALS FOR CONTAMINENT AND CLEANING UP:

WHERE SPILLS ARE POSSIBLE, A COMPREHENSIVE SPILL RESPONSE PLAN SHOULD BE DEVELOPED AND IMPLEMENTED. AVOID ANY UNCONTROLLED RELEASE OF MATERIAL.

UTILIZE RECOMMENDED PROTECTIVE CLOTHING AND EQUIPMENT (SEE SECTION 8).

SPILLS SHOULD BE SWEPT UP USING AN ABSORBENT DUST CONTROL PRODUCT AND PLACED IN CONTAINERS. SPILL AREA CAN BE WASHED WITH WATER. COLLECT WATER FOR APPROVED DISPOSAL.

IN THE EVENT OF UNCONTROLLED RELEASE OF THIS MATERIAL, THE USER SHOULD DETERMINE IF THE RELEASE IS REPORTABLE UNDER APPLICABLE LAWS AND REGULATIONS.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

HANDLE WITH CARE. AVOID OVER EXPOSURE. USE NIOSH/OSHA APPROVED RESPIRATOR, WORK GLOVES, AND CLOTHING. WASH AFTER HANDLING. SENSITIVE INDIVIDUALS MAY EXPERIENCE RESPIRATORY ALLERGIES. MAY CAUSE SKIN IRRITATION. USE WITH LOCAL VENTILATION.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS TO KEEP AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.

KEEP AWAY FROM HEAT. KEEP AWAY FROM SOURCES OF IGNITION.

KEEP AWAY FROM STRONG OXIDIZING AND REDUSING AGENTS.
SPECIFIC END USES:
FELT TIP, MARKER INKS, WATER BASED COATINGS AND LEAK DETECTION

SECTION 8. EXPOSURE CONTROLS /PERSONAL PROTECTION

CONTROL PARAMETERS:
INGREDIENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE - NOT REQUIRED

EXPOSURE CONTROLS:
APPROPRIATE ENGINEERING CONTROLS - THE USUAL PRECAUTIONARY MEASURES ARE TO BE ADHERED TO WHEN HANDLING CHEMICALS.

PERSONAL PROTECTIVE EQUIPMENT:

HAND PROTECTION                     WEAR IMPERMEABLE RUBBER OR PLASTIC GLOVES
EYE PROTECTION                      TIGHTLY SEALED SAFETY GOGGLES OR FULL FACE SIDE SHIELDS.
SKIN AND BODY                       APRON, COVERALLS AND NON-LEATHER SOLED WORK SHOES.
                                      WASH DYE CONTAMINATED CLOTHES AND SKIN WITH MILD SOAP AND DETERGENTS.
RESPIRATORY                         WEAR OSHA/NIOSH APPROVED DUST MASK/RESPIRATOR
HYGIENE MEASURES                    HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES. WASH HANDS AFTER HANDLING MATERIAL.
OTHER PROTECTION                    DELUGE SAFETY SHOWER AND EYE WASH STATION SHOULD BE LOCATED NEAR WORK AREA.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE, COLOR, ODOR         YELLOW POWDER, NO ODOR
pH                              8.0 - 9.0
MELTING POINT/FREEZING POINT    ND
INITIAL BOILING POINT/BOILING RANGE 0.00
FLASHPOINT                      NORMALLY STABLE, NOT COMBUSTIBLE NOR FLAMMABLE
EVAPORATION RATE                NO DATA
FLAMMABILITY (SOLID,GAS)        NORMALLY STABLE, NOT COMBUSTIBLE NOR FLAMMABLE
UPPER EXPLOSIVE LIMITS          NA
LOWER EXPLOSIVE LIMITS          NA
VAPOR PRESSURE                   NA
VAPOR DENSITY                    NA
RELATIVE DENSITY                 NA
SOLUBILITY IN WATER             SOLUBLE
PARTITION COEFFICIENT N-OCTANOL/WATER NO DATA
AUTO-IGNITION TEMPERATURE: NO DATA
DECOMPOSITION TEMPERATURE: NO DATA
VISCOITY, DYNAMIC: NO DATA
VISCOITY, CINEMATIC: NO DATA
EXPLOSIVE PROPERTIES: N/A
OXIDIZING PROPERTIES: NA
OTHER INFORMATION: NA

SECTION 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE UNDER NORMAL STORAGE AND HANDLING CONDITIONS.
CONDITIONS TO AVOID: OXIDIZING & REDUCING AGENTS MAY DESTROY COLOR.
INCOMPATIBLE MATERIALS: OXIDIZING & REDUCING AGENTS MAY DESTROY COLOR.
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2, OXIDES OF NITROGEN AND OTHER POTENTIALLY TOXIC FUMES.

SECTION 11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS:
ORAL (ANIMAL): GREATER THAN 7,000 MG/KG - RAT
DERMAL (ANIMAL): NA
EFFECTS TO EYES (ANIMAL): EYES - RABBIT, NOT IRRITATING
SKIN IRRITATION (ANIMAL): SKIN - RABBIT, SLIGHT IRRITANT
SKIN CORROSION/IRRITATION: NOT CLASSIFIED
SERIOUS EYE DAMAGE/IRRITATION: CAUSES EYE IRRITATION
RESPIRATORY OR SKIN SENSITIZATION: NOT CLASSIFIED
GERM CELL MUTAGENICITY: NOT CLASSIFIED
CARCINOGENICITY: NOT CLASSIFIED
REPRODUCTIVE TOXICITY: NOT CLASSIFIED
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE): MAY CAUSE DROWSINESS OR DIZZINESS.
ASPIRATION HAZARD: NOT CLASSIFIED
INHALATION: MAY CAUSE DROWSINESS OR DIZZINESS.
EYE CONTACT: CAUSES SERIOUS EYE IRRITATION.
INGESTION: INGESTION MAY CAUSE NAUSEA, VOMITING AND DIARRHEA

SECTION 12. ECOLOGICAL INFORMATION

TOXICITY: NA
PERSISTENCE AND DEGRADABILITY: NA
BIOACCUMULATIVE POTENTIAL: NA
MOBILITY IN SOIL: LC-50 (LETHAL CONCENTRATION) UG = MICROGRAMS/LITER CHANNEL CATFISH - 2,267,000 UG/LITER RAINBOW TROUT - 1,372,000 UG/LITER BLUEGILL - 3,433,000 UG/LITER
OTHER ADVERSE EFFECTS: NA

SECTION 13. DISPOSAL CONSIDERATION
WASTE DISPOSAL RECOMMENDATION:

EMPTY BAGS THOROUGHLY. CARRY OUT THE PROPER RECYCLING, REUSAGE OR DISPOSAL. PLEASE REFER TO THE RELEVANT EU REGULATIONS, IN PARTICULAR THE GUIDELINES/DECISIONS OF THE COUNCIL REGARDING HANDLING OF WASTES (E.G. 75/442/EEC, 91/689/EEC, 94/67/EC, 94/904/EC) AS IMPLEMENTED IN NATIONAL REGULATIONS.

REGIONAL RECOMMENDATION:

BURY OR INCINERATE ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND RECONDITIONING. OBSERVE ALL LABELED SAFEGUARDS UNTIL CLEANED, RECONDITIONED OR DESTROYED.

PLEASE REFER TO SECTION 8 (EXPOSURE CONTROLS/PERSONAL PROTECTION) OF THIS SDS.

SECTION 14. TRANSPORTATION INFORMATION

UN NUMBER               NONE
UN PROPER SHIPPING NAME  NONE

DEPARTMENT OF TRANSPORTATION (DOT): NOT HAZARDOUS FOR TRANSPORTATION

TRANSPORT HAZARD CLASS(ES)

HAZARD LABELS (DOT):

PACKING GROUP (DOT)       NA
DOT SPECIAL PROVISIONS    NA

ADDITIONAL INFORMATION:

OVERLAND TRANSPORT        NONE
TRANSPORT BY SEA          NONE
AIR TRANSPORT             NONE
DOT QUANTITY LIMITATIONS PASSENGER AIRCRAFT NA
DOT QUANTITY LIMITATIONS CARGO AIRCRAFT NA

SECTION 15. REGULATORY INFORMATION

US FEDERAL REGULATIONS:

THE SUBSTANCES IS LISTED ON UNITED STATES TSCA (TOXIC SUBSTANCE CONTROL ACT) INVENTORY.

US STATE REGULATIONS:

NONE

CHEMICAL IDENTITY:

518-47-8 TSCA DSL NDSL EINECS ELINCS ENCS CHINA KECL PICCS AICS
X - - - - - - - -
TSCA STATUS IN COMPLIANCE
E C CLASSIFICATION (67/548/EEC - 88/379/EEC) N/A
EINECS NUMBER
REACH CLASSIFICATION
R PHRASES
ADDITIONAL REGULATORY INFORMATION

SECTION 16. OTHER INFORMATION

INDICATION OF CHANGES:
NA

OTHER INFORMATION:
NA

GHS FULL TEXT PHRASES:
MAY BE HARMFUL IF INHALED H333
CAUSES EYE IRRITATION H320
CASUES MILD SKIN IRRITATION H316

H. M. I. S. CLASSIFICATION: 1 0 0 D
HMIS CODE: 4 - SEVERE HAZARD, 3 - SERIOUS HAZARD, 2 - MODERATE HAZARD, 1 - SLIGHT HAZARD, 0 - MINIMAL HAZARD

SAFETY DATA SHEET (SDS)
REVISION DATE: 03/03/2016

ALL INFORMATION AND DATA APPEARING ON THIS SDS ARE BELIEVED TO BE RELIABLE AND ACCURATE. HOWEVER, IT IS THE USER’ S RESPONSIBILITY TO DETERMINE THE SAFETY, TOXICITY, AND SUITABILITY FOR USE OF THE PRODUCT DESCRIBED. SINCE THE ACTUAL USE BY OTHERS IS BEYOND OUR CONTROL, NO GUARANTEE, EXPRESSED OR IMPLIED, IS MADE BY HUE CORPORATION. USER ASSUMES ALL RISK AND RESPONSIBILITY.