



SAUJANYA EXPORTS

Manufacturers & Exporters of: Food Colours, Pigment Powders, Dyes & Dye Intermediates
B1- 1401 to 1406, Palladium 80ft Corporate Road, Opp Vodafone House, Off. S.G. Road, Prahlad Nagar, Ahmedabad- 380015.Gujarat. India
Office: +91 79 29701895, 29702047 | **Email:** saujanyaexports@gmail.com | **Email:** milan.shah@saujanyaexports.com
Email: smiral.shah@saujanyaexports.com | **Website:** www.saujanyaexports.com | **skype ID:** saujanyaexports1



ISO 9001 : 2008
Reg.No: RQ91/7914

MATERIAL SAFETY DATA SHEET **OF** **ACID YELLOW 73**

SECTION 1 – CHEMICAL IDENTIFICATION

Product Name : FLUORESCEINE /Uranine SSO
Synonyms : C.I. 45350, C.I. Acid Yellow 73
COMPANY : SAUJANYA EXPORTS
B-1-1401 TO 1406, PALADIUM,
PRAHLAD NAGAR
AHMEDABAD – 380015
GUJARAT (INDIA)
EMERGENCY INFORMATION : TEL.: (91) (79)-29702047
FAX: (91) (79) - 29702047
E-MAIL: saujanyaexports@gmail.com

SECTION 2 – COPOSITION/INFORMATION ON INGREDIENTS

NAME	CAS #	%	BY WEIGHT
EINECS/ELINCS ACID YELLOW 73	518-47-8	100	208-253-0

TOXICOLOGICAL DATA ON INGREDIENTS: ACID YELLOW 73 LD50: NOT AVAILABLE.
LC50: NOT AVAILABLE.

SECTION 3- HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE: ORANGE-RED POWDER.

WARNING! CAUSES EYE IRRITATION.

TARGET ORGANS: EYES.

POTENTIAL HEALTH EFFECTS

EYE: CAUSES EYE IRRITATION.

SKIN: MAY CAUSE SKIN IRRITATION. MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.

INGESTION: MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT. MAY BE HARMFUL IF SWALLOWED.

INHALATION: MAY CAUSE RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF INHALED.

CHRONIC: NO INFORMATION FOUND.

SECTION 4 – FIRST AID MEASURES

EYES: FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING THE UPPER AND LOWER EYELIDS. IF IRRITATION

DEVELOPS, GET MEDICAL AID.

SKIN: FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. GET MEDICAL AID IF IRRITATION DEVELOPS OR PERSISTS.

INGESTION: IF VICTIM IS CONSCIOUS AND ALERT, GIVE 2-4 CUPFULS OF MILK OR WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL AID IF IRRITATION OR SYMPTOMS OCCUR.

INHALATION: REMOVE FROM EXPOSURE AND MOVE TO FRESH AIR IMMEDIATELY. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL AID IF COUGH OR OTHER SYMPTOMS APPEAR.

NOTES TO PHYSICIAN: TREAT SYMPTOMATICALLY AND SUPPORTIVELY.

SECTION 5 – FIRE FIGHTING MEASURES

GENERAL INFORMATION: AS IN ANY FIRE, WEAR A SELF-CONTAINED BREATHING APPARATUS IN PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT), AND FULL PROTECTIVE GEAR. THIS MATERIAL IN SUFFICIENT QUANTITY AND REDUCED PARTICLE SIZE IS CAPABLE OF CREATING A DUST EXPLOSION.

EXTINGUISHING MEDIA: USE WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, OR APPROPRIATE FOAM.

FLASH POINT: NOT APPLICABLE.

AUTOIGNITION TEMPERATURE: NOT AVAILABLE.

EXPLOSION LIMITS, LOWER:NOT AVAILABLE.

UPPER: NOT AVAILABLE.

NFPA RATING: (ESTIMATED) HEALTH: 1; FLAMMABILITY: 1; INSTABILITY: 0

SECTION 6- ACCIDENTAL RELEASE MEASURES

GENERAL INFORMATION: USE PROPER PERSONAL PROTECTIVE EQUIPMENT AS INDICATED IN SECTION 8.

SPILLS/LEAKS: VACUUM OR SWEEP UP MATERIAL AND PLACE INTO A SUITABLE DISPOSAL CONTAINER. AVOID GENERATING DUSTY CONDITIONS. PROVIDE VENTILATION.



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SECTION 7- HANDLING AND STORAGE

HANDLING: WASH THOROUGHLY AFTER HANDLING. USE WITH ADEQUATE VENTILATION. MINIMIZE DUST GENERATION AND ACCUMULATION. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. KEEP CONTAINER TIGHTLY CLOSED. AVOID INGESTION AND INHALATION.

STORAGE: KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM INCOMPATIBLE SUBSTANCES. STORE PROTECTED FROM MOISTURE.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: FACILITIES STORING OR UTILIZING THIS MATERIAL SHOULD BE EQUIPPED WITH AN EYEWASH FACILITY AND A SAFETY SHOWER. USE ADEQUATE VENTILATION TO KEEP AIRBORNE CONCENTRATIONS LOW.

EXPOSURE LIMITS

CHEMICAL NAME	ACGIH	NIOSH	OSHA - FINAL PELS
FLUORESCEIN, DISODIUM SALT, ANHYDROUS	NONE LISTED	NONE LISTED	NONE LISTED

PERSONAL PROTECTIVE EQUIPMENT

EYES: WEAR APPROPRIATE PROTECTIVE EYEGLASSES OR CHEMICAL SAFETY GOGGLES AS DESCRIBED BY OSHA'S EYE AND FACE PROTECTION REGULATIONS IN 29 CFR 1910.133 OR EUROPEAN STANDARD EN166.

SKIN: WEAR APPROPRIATE PROTECTIVE GLOVES TO PREVENT SKIN EXPOSURE.

CLOTHING: WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN EXPOSURE.

RESPIRATORS: FOLLOW THE OSHA RESPIRATOR REGULATIONS FOUND IN 29 CFR 1910.134 OR RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED OR IF IRRITATION OR OTHER SYMPTOMS ARE EXPERIENCED.



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SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: POWDER
APPEARANCE: ORANGE-RED
ODOR: ODORLESS
PH: NOT AVAILABLE.
VAPOR PRESSURE: NOT AVAILABLE.
VAPOR DENSITY: NOT AVAILABLE.
EVAPORATION RATE:NOT AVAILABLE.
VISCOSITY: NOT AVAILABLE.
BOILING POINT: NOT AVAILABLE.
FREEZING/MELTING POINT:320 DEG C
DECOMPOSITION TEMPERATURE:NOT AVAILABLE.
SOLUBILITY: SOLUBLE.
SPECIFIC GRAVITY/DENSITY:NOT AVAILABLE.
MOLECULAR FORMULA:C₂₀H₁₀O₅.2NA
MOLECULAR WEIGHT:376.27

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.
CONDITIONS TO AVOID: MOISTURE.
INCOMPATIBILITIES WITH OTHER MATERIALS: STRONG OXIDIZING AGENTS.
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, SODIUM OXIDE.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 11- TOXICOLOGICAL INFORMATION

RTECS#:
CAS# 518-47-8: LM5425000
LD50/LC50:
CAS# 518-47-8:
ORAL, MOUSE: LD50 = 4738 MG/KG;
ORAL, RAT: LD50 = 6721 MG/KG;



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CARCINOGENICITY:

CAS# 518-47-8: NOT LISTED BY ACGIH, IARC, NTP, OR CA PROP 65.

SECTION 12 – ECOLOGICAL INFORMATION

NO INFORMATION AVAILABLE.

SECTION 13 – DISPOSAL CONSIDERATIONS

CHEMICAL WASTE GENERATORS MUST DETERMINE WHETHER A DISCARDED CHEMICAL IS CLASSIFIED AS A HAZARDOUS WASTE. US EPA GUIDELINES FOR THE CLASSIFICATION DETERMINATION ARE LISTED IN 40 CFR PARTS 261.3. ADDITIONALLY, WASTE GENERATORS MUST CONSULT STATE AND LOCAL HAZARDOUS WASTE REGULATIONS TO ENSURE COMPLETE AND ACCURATE CLASSIFICATION.

SECTION 14- TRANSPORT INFORMATION

	DOT	TDG
SHIPPING NAME:	NOT REGULATED AS A HAZARDOUS MATERIAL	NO INFORMATION AVAILABLE.
HAZARD CLASS:		
UN NUMBER:		
PACKING GROUP:		

SECTION 15 – REGULATORY INFORMATION

US FEDERAL

TSCA

CAS# 518-47-8 IS LISTED ON THE TSCA INVENTORY.

HEALTH & SAFETY REPORTING LIST

NONE OF THE CHEMICALS ARE ON THE HEALTH & SAFETY REPORTING LIST.

CHEMICAL TEST RULES

NONE OF THE CHEMICALS IN THIS PRODUCT ARE UNDER A CHEMICAL TEST RULE.

SECTION 16 – OTHER INFORMATION



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THIS PRODUCT SHOULD BE STORED, HANDLED AND USED IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE PRACTICES AND IN CONFORMITY WITH LEGAL REGULATIONS. THE INDUSTRIAL HYGIENE PRACTICED AND IN CONFORMITY WITH LEGAL REGULATIONS. THE INFORMATION CONTAINED HEREIN IS BASED ON THE PRESENT STATE OF OUR KNOWLEDGE AND IS INTENDED TO DESCRIBE OUR PRODUCTS FROM THE POINT OF VIEW OF SAFETY REQUIREMENTS. IT SHOULD NOT THEREFORE BE CONSTRUED AS GUARANTEEING SPECIFIC PROPERTIES.