



**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

## CHEMICAL DATASHEET

### CHEMICAL IDENTIFIERS

**UN/NA NUMBER** - THE UNITED NATIONS-NORTH AMERICA NUMBER (ALSO CALLED UN NUMBER OR DOT NUMBER). 4-DIGIT NUMBER IDENTIFYING AN INDIVIDUAL CHEMICAL OR GROUP OF CHEMICALS WITH SIMILAR CHARACTERISTICS. REQUIRED ON SHIPPING PAPERS; OFTEN SHOWN ON PLACARDS OR LABELS. THIS NUMBERING SYSTEM WAS DEVELOPED BY THE U.S. DEPARTMENT OF TRANSPORTATION, AND THEN BECAME THE UN STANDARD SYSTEM FOR CLASSIFYING HAZARDOUS MATERIALS.

**CAS NUMBER** - CHEMICAL ABSTRACTS SERVICE REGISTRY NUMBER. UNIQUE IDENTIFICATION NUMBER ASSIGNED TO THIS CHEMICAL BY THE AMERICAN CHEMICAL SOCIETY.

**CHRIS CODE** - 3-LETTER CODE USED BY THE U.S. COAST GUARD TO IDENTIFY INDIVIDUAL CHEMICALS INCLUDED IN ITS CHRIS (CHEMICAL HAZARDS RESPONSE INFORMATION SYSTEM) MANUAL.

**DOT HAZARD LABEL** - U.S. DEPARTMENT OF TRANSPORTATION HAZARD WARNING LABEL FOR THE CHEMICAL (SUCH AS FLAMMABLE LIQUID OR CORROSIVE). THIS LABEL MUST BE DISPLAYED ON SHIPPED PACKAGES, RAILROAD TANK CARS, AND TANK TRUCKS ACCORDING TO SPECIFICATIONS DESCRIBED IN 49 CFR 172.

**NFPA 704** - TEXT DESCRIPTION OF THE DIAMOND-SHAPED PLACARD, WHICH CONTAINS CODES INDICATING THE LEVEL OF THE CHEMICAL'S HEALTH, FLAMMABILITY, AND REACTIVITY HAZARDS, ALONG WITH SPECIAL HAZARDS SUCH AS WATER- AND AIR-REACTIVITY. (THE NFPA 704 DIAMOND IS ALSO SHOWN AT THE TOP OF THE DATASHEET.) SEE A GUIDE TO THE NFPA DIAMOND.

**GENERAL DESCRIPTION** - BRIEF DESCRIPTION OF THE CHEMICAL'S GENERAL APPEARANCE, BEHAVIOR, AND HAZARDOUSNESS.

#### LIST OF DATA SOURCES.

UN/NA NUMBER	CAS NUMBER	CHRIS CODE	DOT HAZARD LABEL
NONE	1936-15-8	NONE	DATA UNAVAILABLE

**NFPA 704:** DATA UNAVAILABLE

#### **GENERAL DESCRIPTION**

PHYSICAL DESCRIPTION: ORANGE MICROCRYSTALS OR POWDER. (NTP, 1992)

### HAZARDS

**REACTIVITY ALERTS** - SPECIAL ALERTS IF THE CHEMICAL IS ESPECIALLY REACTIVE (SEE LIST OF REACTIVITY ALERTS).

**AIR & WATER REACTIONS** - SPECIAL ALERTS IF THE CHEMICAL REACTS WITH AIR, WATER, OR MOISTURE.

**FIRE HAZARD** - DESCRIPTION OF THE CHEMICAL'S FIRE HAZARDS (SUCH AS FLAMMABILITY, EXPLOSION RISK, OR BYPRODUCTS THAT MAY EVOLVE IF THE CHEMICAL IS BURNED).

**HEALTH HAZARD** - DESCRIPTION OF THE CHEMICAL'S HEALTH HAZARDS (SUCH AS TOXICITY, FLAMMABILITY, OR CORROSIVITY).

**REACTIVITY PROFILE** - DESCRIPTION OF THE CHEMICAL'S POTENTIAL REACTIVITY WITH OTHER CHEMICALS, AIR, AND WATER. ALSO INCLUDES ANY OTHER INTRINSIC REACTIVE HAZARDS (SUCH AS



**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

POLYMERIZABLE OR PEROXIDIZABLE).

**REACTIVE GROUPS** - LIST OF REACTIVE GROUPS THAT THE CHEMICAL IS ASSIGNED TO, BASED ON ITS KNOWN CHEMISTRY. REACTIVE GROUPS ARE CATEGORIES OF CHEMICALS THAT REACT IN SIMILAR WAYS BECAUSE THEIR CHEMICAL STRUCTURES ARE SIMILAR. REACTIVE GROUPS ARE USED TO PREDICT REACTIVITY WHEN YOU ADD A CHEMICAL TO MYCHEMICALS. [READ MORE ABOUT REACTIVE GROUPS.](#)

LIST OF DATA SOURCES.

**REACTIVITY ALERTS**

NONE

**AIR & WATER REACTIONS**

AZO DYES CAN BE EXPLOSIVE WHEN SUSPENDED IN AIR AT SPECIFIC CONCENTRATIONS. THIS ORGANIC ACID HAS A MODERATE SOLUBLE IN WATER. THE RESULTING SOLUTIONS CONTAIN CONCENTRATIONS OF HYDROGEN IONS AND HAVE PH'S OF LESS THAN 7.0. THEY REACT AS ACIDS TO NEUTRALIZE BASES. THESE NEUTRALIZATIONS GENERATE HEAT, BUT LESS OR FAR LESS THAN IS GENERATED BY NEUTRALIZATION OF INORGANIC ACIDS, INORGANIC OXOACIDS, AND CARBOXYLIC ACID.

**FIRE HAZARD**

FLASH POINT DATA FOR THIS CHEMICAL ARE NOT AVAILABLE; HOWEVER, IT IS PROBABLY COMBUSTIBLE. (NTP, 1992)

**HEALTH HAZARD**

ACUTE/CHRONIC HAZARDS: WHEN HEATED TO DECOMPOSITION THIS COMPOUND EMITS TOXIC FUMES OF CARBON OXIDES, NITROGEN OXIDES, SULFUR OXIDES AND DISODIUM OXIDE. (NTP, 1992)

**REACTIVITY PROFILE**

C.I. ACID ORANGE 10 IS AN AZO COMPOUND. TOXIC GASES ARE FORMED BY MIXING COMPOUNDS CONTAINING AZO GROUPS WITH ACIDS, ALDEHYDES, AMIDES, CARBAMATES, CYANIDES, INORGANIC FLUORIDES, HALOGENATED ORGANICS, ISOCYANATES, KETONES, METALS, NITRIDES, PEROXIDES, PHENOLS, EPOXIDES, ACYL HALIDES, AND STRONG OXIDIZING OR REDUCING AGENTS. FLAMMABLE GASES ARE FORMED BY MIXING MATERIALS IN THIS GROUP WITH ALKALI METALS. EXPLOSIVE COMBINATION CAN OCCUR WITH STRONG OXIDIZING AGENTS, METAL SALTS, PEROXIDES, AND SULFIDES. THIS COMPOUND BECOMES REDDER AND MORE DULL WHEN MIXED WITH COPPER. IT IS ALMOST DESTROYED WHEN MIXED WITH IRON. (NTP, 1992)

**BELONGS TO THE FOLLOWING REACTIVE GROUP(S)**

AZO, DIAZO, AND AZIDO COMPOUNDS

ALCOHOLS AND POLYOLS

## RESPONSE RECOMMENDATIONS

**FIREFIGHTING** - RESPONSE RECOMMENDATIONS IF THE CHEMICAL IS ON FIRE (OR NEAR A FIRE).

**NON-FIRE RESPONSE** - RESPONSE RECOMMENDATIONS IF THE CHEMICAL ISN'T ON FIRE (OR NEAR A FIRE).

**PROTECTIVE CLOTHING** - RECOMMENDATIONS FOR PROTECTIVE GEAR AND, IN SOME CASES, A TABLE OF BREAKTHROUGH TIMES FOR PROTECTIVE MATERIALS.

**FIRST AID** - RECOMMENDED FIRST AID TREATMENT FOR PEOPLE EXPOSED TO THE CHEMICAL.

LIST OF DATA SOURCES.

**FIREFIGHTING**

FIRES INVOLVING THIS MATERIAL CAN BE CONTROLLED WITH A DRY CHEMICAL, CARBON DIOXIDE OR HALON EXTINGUISHER. (NTP, 1992)

**NON-FIRE RESPONSE**

SMALL SPILLS AND LEAKAGE: IF YOU SPILL THIS CHEMICAL, YOU SHOULD DAMPEN THE SOLID SPILL MATERIAL WITH WATER, THEN TRANSFER THE DAMPENED MATERIAL TO A SUITABLE CONTAINER. USE ABSORBENT PAPER DAMPENED WITH WATER TO PICK UP ANY REMAINING MATERIAL. SEAL YOUR



**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

CONTAMINATED CLOTHING AND THE ABSORBENT PAPER IN A VAPOR-TIGHT PLASTIC BAG FOR EVENTUAL DISPOSAL. WASH ALL CONTAMINATED SURFACES WITH A SOAP AND WATER SOLUTION. DO NOT REENTER THE CONTAMINATED AREA UNTIL THE SAFETY OFFICER (OR OTHER RESPONSIBLE PERSON) HAS VERIFIED THAT THE AREA HAS BEEN PROPERLY CLEANED.

STORAGE PRECAUTIONS: YOU SHOULD STORE THIS MATERIAL UNDER AMBIENT CONDITIONS. (NTP, 1992)

#### **PROTECTIVE CLOTHING**

RECOMMENDED RESPIRATOR: WHERE THE NEAT TEST CHEMICAL IS WEIGHED AND DILUTED, WEAR A NIOSH-APPROVED HALF FACE RESPIRATOR EQUIPPED WITH AN ORGANIC VAPOR/ACID GAS CARTRIDGE (SPECIFIC FOR ORGANIC VAPORS, HCL, ACID GAS AND SO<sub>2</sub>) WITH A DUST/MIST FILTER. (NTP, 1992)

#### **FIRST AID**

**EYES:** FIRST CHECK THE VICTIM FOR CONTACT LENSES AND REMOVE IF PRESENT. FLUSH VICTIM'S EYES WITH WATER OR NORMAL SALINE SOLUTION FOR 20 TO 30 MINUTES WHILE SIMULTANEOUSLY CALLING A HOSPITAL OR POISON CONTROL CENTER. DO NOT PUT ANY OINTMENTS, OILS, OR MEDICATION IN THE VICTIM'S EYES WITHOUT SPECIFIC INSTRUCTIONS FROM A PHYSICIAN. IMMEDIATELY TRANSPORT THE VICTIM AFTER FLUSHING EYES TO A HOSPITAL EVEN IF NO SYMPTOMS (SUCH AS REDNESS OR IRRITATION) DEVELOP.

**SKIN:** IMMEDIATELY FLOOD AFFECTED SKIN WITH WATER WHILE REMOVING AND ISOLATING ALL CONTAMINATED CLOTHING. GENTLY WASH ALL AFFECTED SKIN AREAS THOROUGHLY WITH SOAP AND WATER. IF SYMPTOMS SUCH AS REDNESS OR IRRITATION DEVELOP, IMMEDIATELY CALL A PHYSICIAN AND BE PREPARED TO TRANSPORT THE VICTIM TO A HOSPITAL FOR TREATMENT.

**INHALATION:** IMMEDIATELY LEAVE THE CONTAMINATED AREA; TAKE DEEP BREATHS OF FRESH AIR. IF SYMPTOMS (SUCH AS WHEEZING, COUGHING, SHORTNESS OF BREATH, OR BURNING IN THE MOUTH, THROAT, OR CHEST) DEVELOP, CALL A PHYSICIAN AND BE PREPARED TO TRANSPORT THE VICTIM TO A HOSPITAL. PROVIDE PROPER RESPIRATORY PROTECTION TO RESCUERS ENTERING AN UNKNOWN ATMOSPHERE. WHENEVER POSSIBLE, SELF-CONTAINED BREATHING APPARATUS (SCBA) SHOULD BE USED; IF NOT AVAILABLE, USE A LEVEL OF PROTECTION GREATER THAN OR EQUAL TO THAT ADVISED UNDER PROTECTIVE CLOTHING.

**INGESTION:** DO NOT INDUCE VOMITING. IF THE VICTIM IS CONSCIOUS AND NOT CONVULSING, GIVE 1 OR 2 GLASSES OF WATER TO DILUTE THE CHEMICAL AND IMMEDIATELY CALL A HOSPITAL OR POISON CONTROL CENTER. BE PREPARED TO TRANSPORT THE VICTIM TO A HOSPITAL IF ADVISED BY A PHYSICIAN. IF THE VICTIM IS CONVULSING OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH, ENSURE THAT THE VICTIM'S AIRWAY IS OPEN AND LAY THE VICTIM ON HIS/HER SIDE WITH THE HEAD LOWER THAN THE BODY. DO NOT INDUCE VOMITING. IMMEDIATELY TRANSPORT THE VICTIM TO A HOSPITAL. (NTP, 1992)

## **PHYSICAL PROPERTIES**

THIS SECTION CONTAINS PHYSICAL PROPERTIES, FLAMMABILITY LIMITS, AND TOXIC THRESHOLDS FOR THIS CHEMICAL (SEE DEFINITIONS OF EACH PROPERTY). MORE PROPERTY DATA IS AVAILABLE FOR COMMON CHEMICALS.

GUIDE TO TOXIC LEVELS OF CONCERN (AEGLS, ERPGS, TEELS, AND IDLH).

LIST OF DATA SOURCES.

**MOLECULAR FORMULA:** C16H12N2O7S2  
.2NA

FLASH POINT: DATA UNAVAILABLE

LOWER EXPLOSIVE LIMIT: DATA UNAVAILABLE

UPPER EXPLOSIVE LIMIT: DATA UNAVAILABLE

AUTOIGNITION TEMPERATURE: DATA UNAVAILABLE



**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

**MELTING POINT:** 572-707 ° F (DECOMPOSES) (NTP, 1992)

## REGULATORY INFORMATION

**REGULATORY NAMES** - NAMES UNDER WHICH THIS CHEMICAL IS REGULATED UNDER SEVERAL U.S. FEDERAL LAWS: **CAA** (CLEAN AIR ACT OF 1990), **CERCLA** (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980, ALSO KNOWN AS SUPERFUND), **EPCRA** (EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT, ALSO KNOWN AS SARA TITLE III), AND **RCRA** (RESOURCE CONSERVATION AND RECOVERY ACT OF 1976).

**CAA RMP** - INDICATES WHETHER THIS CHEMICAL IS REGULATED UNDER SECTION 112(R) OF THE CLEAN AIR ACT, WHICH LISTS ABOUT 100 TOXIC, FLAMMABLE, OR EXPLOSIVE HAZARDOUS SUBSTANCES. (SECTION 112(R) MANDATES THE RISK MANAGEMENT PLAN REGULATIONS.) FOR LISTED CHEMICALS, THE THRESHOLD QUANTITY (FROM 40 CFR 68) IS ALSO SHOWN. FACILITIES THAT USE MORE THAN THE THRESHOLD QUANTITY OF A LISTED CHEMICAL IN A PROCESS ARE SUBJECT TO THE CAA ACCIDENTAL RELEASE PREVENTION PROVISIONS.

**CERCLA** - INDICATES WHETHER THIS CHEMICAL IS LISTED AS A HAZARDOUS SUBSTANCE UNDER CERCLA. FOR LISTED CHEMICALS, THE REPORTABLE QUANTITY (FROM 40 CFR 302) IS ALSO SHOWN. FACILITIES THAT SPILL MORE THAN THE REPORTABLE QUANTITY OF A LISTED CHEMICAL MUST REPORT IT TO FEDERAL, STATE, AND LOCAL GOVERNMENTS.

**EHS (EPCRA 302)** - INDICATES WHETHER THIS CHEMICAL IS LISTED AS AN EXTREMELY HAZARDOUS SUBSTANCE UNDER SECTION 302 OF EPCRA. FOR LISTED CHEMICALS, THE THRESHOLD PLANNING QUANTITY (FROM 40 CFR 355) IS ALSO SHOWN. FACILITIES THAT STORE MORE THAN THE THRESHOLD QUANTITY OF AN EHS CHEMICAL MUST MEET THE REPORTING, COMMUNITY RIGHT-TO-KNOW, AND EMERGENCY PLANNING REQUIREMENTS OF EPCRA.

**TRI (EPCRA 313)** - INDICATES WHETHER THIS CHEMICAL IS LISTED AS A TOXIC CHEMICAL UNDER SECTION 313 (TOXICS RELEASE INVENTORY) OF EPCRA. FACILITIES THAT MANUFACTURE, STORE, OR USE SIGNIFICANT AMOUNTS OF SECTION 313 CHEMICALS MAY BE REQUIRED TO SUBMIT ANNUAL REPORTS ABOUT ANY RELEASES INTO THE ENVIRONMENT (SEE 40 CFR 372).

**RCRA CHEMICAL CODE** - 4-CHARACTER IDENTIFICATION CODE ASSIGNED TO THIS SUBSTANCE UNDER RCRA.

**REGULATORY NAMES:** NONE

**CAA RMP:** NOT A REGULATED CHEMICAL.

**CERCLA:** NOT A REGULATED CHEMICAL.

**EHS (EPCRA 302):** NOT A REGULATED CHEMICAL.

**TRI (EPCRA 313):** NOT A REGULATED CHEMICAL.

**RCRA CHEMICAL CODE:** NONE