



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Basic Red		DATE: August 01, 2011	
PRODUCT NUMBER: 1-0075 (1003884)			
TRADE NAME: Basic Red 28 GENERAL USE: Staining dye. CHEMICAL FAMILY: Organic dye. PRODUCT DESCRIPTION: Red solid with no odor.			
MANUFACTURER Safariland LLC		DATE PREPARED: August 1, 2011 SUPERSEDES: August 29, 2008	
ADDRESS (NUMBER, STREET, P.O. BOX) 13386 International Parkway		TELEPHONE NUMBER FOR INFORMATION / Customer Service 800-347-1200	
(CITY, STATE AND ZIP CODE) Jacksonville, FL. 32218	COUNTRY USA	CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER  1-800-255-3924 01-813-248-0585 North America Toll Free International	

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
 May irritate skin and respiratory tract. May be harmful if swallowed. Risk of serious damage to eyes.

POTENTIAL HEALTH EFFECTS

INHALATION:
 Coughing and wheezing from inhaling large quantities of dust.

SKIN:
 Mild irritation for sensitive individuals.

EYES:
 Moderate to severe irritation.

INGESTION:
 May be harmful by ingestion.

CARCINOGENICITY:

NTP? NO	IARC MONOGRAPHS? NO	OSHA REGULATED? NO
CALIFORNIA, Prop.65? NO		

SECTION 3 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
Basic Red 28	90-100	72828-91-2	276-895-9	N	R51/53

SECTION 4 - FIRST AID MEASURES

INHALATION:
 Remove affected person to fresh air. Seek medical attention for severe cases.

EYES:
 Flush with water for 15 minutes occasionally lifting the eyelids. Seek medical attention.

SKIN:
 Wash with soap and water.

INGESTION:
 Give plenty of water and induce vomiting. Seek medical help.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:
 Unknown Flash Point.

EXTINGUISHING MEDIA:
 Water fog, foam, dry chemical, carbon dioxide.

FIRE FIGHTING PROCEDURES:
 May be combustible at high temperatures. Wear Self-Contained Breathing Apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
 Can cause dust explosion.

HAZARDOUS COMBUSTION PRODUCTS:
 Carbon Oxides, Nitrogen Oxides, Sulfur Oxides

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear personal protective equipment and take up dry material into disposal container. Do not release product into any body of water.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Do not store above 120°F. Store in sealed containers, in upright position.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	STEL ppm	PEL mg/m3
Basic Red 28	Treat as irritant, nuisance dust.							

RESPIRATORY PROTECTION:

NIOSH-approved dust mask is highly recommended when ventilation is poor.

PROTECTIVE GLOVES:

Use latex or nitrile.

EYE PROTECTION:

The use of safety glasses is recommended, as a matter of good laboratory practice.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Eye wash station in the event of eye contact with material.

WORK / HYGIENIC PRACTICES:

Use good housekeeping practices. Do not eat, drink, or smoke while working with product. Wear safety glasses and dust mask.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Red solid with no odor.	VAPOR PRESSURE NE
pH NA	SPECIFIC GRAVITY (WATER = 1) 1.9-2.5
MELTING POINT 120°C (248°F)	SOLUBILITY IN WATER 0.1% Solubility
FLASH POINT None	VISCOSITY NA
FLAMMABLE LIMITS LEL: NE UEL: NE	VAPOR DENSITY (AIR = 1) NE
AUTO-IGNITION TEMPERATURE NE	EVAPORATION RATE (WATER = 1) NE

SECTION 10 - STABILITY AND REACTIVITY

STABILITY STABLE X	CONDITIONS TO AVOID: Excessive heat.
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INCOMPATIBILITY (MATERIALS TO AVOID):

Strong Oxidizers

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Carbon Oxides, Nitrogen Oxides, Sulfur oxides

HAZARDOUS POLYMERIZATION:

Will not occur.

CONDITIONS TO AVOID:

None related to polymerization.

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Basic Red 28	72828-91-2 276-895-9	NE	NR

SECTION 12 - ECOLOGICAL INFORMATION

Product is toxic to aquatic life. Do not release into bodies of water.

Biological elimination: 10%

COD Value: 2180 mg/g

TOC Value: 670 mg/g

Fish (Leuciscus indus) toxicity: 0.1-1 mg/l, 72 hrs. Considered very toxic to aquatic life.

No inhibition of waste water bacteria (Pseudomonas fluorescens) at 500 mg/l

This product does not release heavy metals in concentration affecting waste water, does not release nitrogen which can contribute to autophication, does not contain phosphates or organophosphorous compounds.

