

Safety Data Sheet

SECTION I: IDENTIFICATION

VATA, Inc.
308 S Sequoia Parkway
Canby, Oregon 97013
www.vatainc.com
Telephone 503-651-5050
Hours of Operation: M-F, 8-4:30 PDT

Trade Name: POLYMERIC RED CONCENTRATE DYE / SIMULATED BLOOD

SECTION II: HAZARDOUS INGREDIENTS

THIS MATERIAL IS NOT CONSIDERED HAZARDOUS UNDER OSHA CFR 29 1910.1200

SECTION III: COMPOSITION INFORMATION

ACID RED LIQUID
100% PROPRIETARY MIXTURE

SECTION IV: FIRST AID MEASURES

- Eyes: IMMEDIATE AND CONTINUOUS IRRIGATION WITH FLOWING WATER FOR AT LEAST FIFTEEN MINUTES. CONSULT PHYSICIAN IF IRRITATION OCCURS.
- Skin: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER. WASH WELL WITH SOAP AND WATER. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.
- Ingestion: IF CONSCIOUS, GIVE TWO GLASSES OF WATER TO DILUTE. ONLY INDUCE VOMITING IF ADVISED BY POISON CONTROL CENTER.
- Inhalation: REMOVE TO FRESH AIR. IF EFFECTS OCCUR, CONSULT PHYSICIAN.

ACUTE/IMMEDIATE EFFECTS : SLIGHT IRRITATION OF EYES AND SKIN

CHRONIC/DELAYED EFFECTS: NONE KNOWN

SECTION V: FIRE FIGHTING MEASURES

Extinguishing Media: WATER SPRAY, DRY CHEMICALS, FOAM OR CARBON DIOXIDE.

Special Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR FULL-FACE, SELF-CONTAINED BREATHING APPARATUS AND IMPERVIOUS PROTECTIVE CLOTHING.

Unusual Fire and Explosion Hazards: NONE EXPECTED

Flash Point and Method: N.A. Flammable Limits LEL: N.A. UEL: N.A.

<u>NFPA Fire Hazards Code</u>		<u>Key</u>	<u>HMIS Codes</u>
HEALTH	1	0-MINIMAL	1
FIRE	1	1-SLIGHT	1
REACTIVITY	0	2-MODERATE	0
SPECIFIC	NA	3-SERIOUS 4-SEVERE	NE

SECTION VI: ACCIDENTAL RELEASE MEASURES

ALWAYS WEAR PROPER CLOTHING.
MIX MATERIAL WITH SWEEPING COMPOUND TO MINIMIZE SPILLS.
VACUUM CONTAMINATED AREA.

REMOVE ANY SOURCES OF POTENTIAL IGNITION.

SECTION VII: HANDLING AND STORAGE

AVOID BREATHING MIST. AVOID CONTACT WITH EYES AND SKIN, WASH HANDS THOROUGHLY AFTER HANDLING. STORE IN A DRY PLACE AWAY FROM EXCESSIVE HEAT, IN ORIGINAL OR SIMILAR WATERPROOF CONTAINERS. RESEAL CONTAINERS IMMEDIATELY AFTER USE.

MAINTAIN GOOD HOUSEKEEPING; AVOID INGESTION, EYE, AND SKIN CONTACT. MINIMIZE INHALATION EXPOSURE BY USING A RESPIRATOR. MINIMALIZE RELEASE OF SUBSTANCE INTO THE ENVIRONMENT.

**** KEEP FROM FREEZING ****

SECTION VIII: EXPOSURE CONTROLS / PPE

Ventilation: USE LOCAL EXHAUST VENTILATION TO MINIMIZE EXPOSURE. MAINTAIN AIR CONCENTRATIONS BELOW OCCUPATIONAL EXPOSURE STANDARDS WHEN POSSIBLE.

Respiratory: A NIOSH/MSHA APPROVED RESIRATOR SHOULD BE WORN.

Eye Protection: WEAR SIDE-SHIELD SAFETY GLASSES OR CHEMICAL SAFETY GOGGLES.

Skin: WEAR APPROPRIATE PROTECTIVE CLOTHING. WEAR IMPERVIOUS GLOVES AS A STANDARD HANDLING PROCEDURE.

DELUGE SAFETY SHOWER, AND EYE WASH STATION SHOULD BE IN VICINITY OF WORK AREA.

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	LIQUID			
COLOR:	RED			
ODOR:	SLIGHT			
SOLUBILITY:	SOLUBLE			
pH:	N.E.			
MELTING POINT:	N.A.			
BOILING POINT:	Approx. 212 F			
FLASH POINT:	> 200 F	METHOD: N.E.	LEL: N.E.	LUL: N.E.
AUTO IGNITION TEMP:	N.E.			
DECOMPOSITION TEMP:	N.E.			
VISCOSITY:	N.E.	cps		
SPECIFIC GRAVITY:	N.E.	g/ml		

SECTION X: STABILITY AND REACTIVITY

STABLE UNDER NORMAL STORAGE CONDITIONS.

Incompatibility (Materials to Avoid): OXIDIZING AND REDUCING AGENTS.

Hazardous Decomposition Products: BURNING WILL PRODUCE OXIDES OF CARBON, NITROGEN AND SULFUR.
Hazardous Polymerization: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

SECTION XI: TOXICOLOGICAL INFORMATION

LD-50: (ORAL) > 5,000 MG/KG (RAT)
LD-50: (DERMAL) N.E.

LC-50: N.E. MG/L

ROUTE OF EXPOSURE: SKIN AND EYES
TLV: N.E.

EFFECTS IF OVEREXPOSURE:

ACUTE: SLIGHT IRRITATION OF EYES AND/OR SKIN
CHRONIC: NO KNOWN CHRONIC ILL EFFECTS

NOT A KNOWN MUTAGEN, CARCINOGEN.
NOT KNOWN TO CAUSE REPRODUCTIVE TOXICITY.

SECTION XII: ECOLOGICAL INFORMATION

BIODEGRADABILITY: N.E.

SECTION XIII: DISPOSAL INFORMATION

Disposal Considerations: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE AND SHOULD NOT BE DISTRIBUTED, MADE AVAILABLE, FURNISHED OR REUSED EXCEPT FOR STORAGE AND SHIPMENT OF ORIGINAL PRODUCT.

NOT CONSIDERED RCRA HAZARDOUS MATERIAL

SECTION XIV: TRANSPORTATION INFORMATION **GOODS ARE NOT REGULATED FOR TRANSPORT BY IATA**

DOT SHIPPING NAME: NOT REGULATED
TECHNICAL SHIPPING NAME: NOT REGULATED
DOT HAZARD CLASSIFICATION
PRIMARY: NOT APPLICABLE
SECONDARY: NOT APPLICABLE
FREIGHT CLASSIFICATION: NOT REGULATED
UN NUMBER: NOT APPLICABLE
IMO HAZARD CLASS: NOT REGULATED
DOT LABELS REQUIRED: COMMUNITY RIGHT TO KNOW LABEL
EPA/DOT HAZARDOUS SUBSTANCE RQ: NOT APPLICABLE

SECTION XV: REGULATORY INFORMATION

TSCA: ALL COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE TOXIC SUBSTANCE CONTROL ACT.

APPROVED SUBSTANCE ON THE FOLLOWING INTERNATIONAL LISTS:
NOT EVALUATED

NOT REPORTABLE UNDER SARA TITLE III SEC: 302, 304, 313
NOT KNOWN TO BE A FORBIDDEN AZO DYE (GERMAN LIST)
NOT LISTED AS PROPOSITION 65 CHEMICAL
NO LABEL NECESSARY IN ACCORDANCE WITH ECC DIRECTIVES
CONFORMS TO EC DRECTIVE 2011/58/EC

SECTION XVI: OTHER INFORMATION

FOR INDUSTRIAL USE ONLY

DISCLAIMER

Information contained herein is, to our best knowledge, true and accurate.
It is offered for information only, as we cannot guarantee the results of
processes not under our direct control.

N.E. NOT ESTABLISHED N.A. NOT APPLICABLE
Date of last revision: 2/16/16
REASON FOR CHANGE: FORMAT CHANGE