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iLOVETOCREATE®
A DUNCAN ENTERPRISES COMPANY

Safety Data Sheet

TULIP

V# 026794

1. COMPANY AND PRODUCT IDENTIFICATION

iLoveToCreate
A Duncan Enterprises Company
5673 East Shields Avenue
Fresno, CA 93727
559-291-4444
559-291-9444 (Fax)
www.ilovetocreate.com

EMERGENCY TELEPHONE NUMBERS

Health Emergencies:
559-291-4444 7:00 am – 3:30 pm Pacific Std. Time
Spill and Off-Hour Health Emergencies:
800-424-9300 U.S. and Canada
703-527-3887 Outside U.S. and Canada (Collect)

Product Name: Tulip Tie Dye Pens
Product Use/Description: Fabric Dye
Not intended for: No data.

2. HAZARDS IDENTIFICATION

Classification:	This mixture does not meet the criteria for classification.
Health & Physical Hazard Statement:	There is no evidence of harmful effects from available data.
Other Hazards not classified:	No data.
Signal Word:	No data.
Precautionary Statement:	No data.
Pictogram(s) by GHS:	No data.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Detailed formulation is submitted by the client and it is proprietary information.

Products are made by physical manipulation and chemical reaction from the ingredients. These ingredient chemicals may not exist as its original formula in final products. None of these ingredients are hazardous substances.

Reportable ingredients (if applicable): This mixture does not meet the criteria for classification. No evidence of harmful effects from available information.

4. FIRST AID MEASURES

General Advice:	No data.
On Inhalation:	Trace component and residual monomer powder may be irritating to the eyes, mucous membrane, respiratory tract, and may produce symptoms of headache and nausea in poorly ventilated areas. No emergency care anticipated.
On Skin Contact:	Prolonged contact may cause transient reddening of the skin. Wash skin with soap and water until water is no longer cloudy. If clothing is soaked, remove and wash before reuse.
On Eye Contact:	Direct eye contact may cause eye irritation. Immediately flush eyes with plenty of water. Get medical attention if irritation persists.
On Ingestion:	No evidence of harmful effects from available information. No harmful effects expected.
Acute/Delayed Symptoms:	A knowledge of the available toxicology information and of the physical and chemical properties of the matter suggests that over exposure is unlikely to aggravate existing medical conditions.
Medical Advice:	Treat symptomatically.

Note to Physician:	Treat symptomatically. Toxicology studies have shown this or similar material to be very low acute toxicity. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.
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5. FIRE FIGHTING MEASURES

Extinguishing Media	
Suitable extinguishing media:	This product is a non-flammable mixture.
Unsuitable extinguishing media:	None.
Protection of Firefighters	
Specific hazards arising from the chemical:	Product will not burn, but may spatter if temperature exceeds boiling point of water. Dried solids can burn giving off oxides of carbon.
Protective equipment for firefighters:	See section 8 of this SDS.
Special precautions/ protective equipment for firefighters:	Use self-contained breathing apparatus when fighting fires in enclosed areas.
Will hazardous combustion occur?:	Will not occur.

6. ACCIDENTAL RELEASE MEASURES

Emergency Containment procedures:	Restrict the area to only those personnel needed.
Environmental Precautions, if any?:	Major spills should be collected for disposal. Minor spills may be flushed to sewer if permitted by national, state, and local regulations.
Methods for Cleaning Up:	Major spills should be collected for disposal. Minor spills may be flushed to sewer if permitted by national, state, and local regulations.
Personal Protective Equipment:	See Section 8 of this SDS.

7. HANDLING AND STORAGE

Safe Storage:	Keep container closed when they are not in use.
Safe Handling:	Use with adequate ventilation. Avoid contact with skin and clothing. Wash thoroughly after handling. General (mechanical) room ventilation is expected to be satisfactory. Use local exhaust if needed to control mist and vapors.
Known Incompatibilities:	None known.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Occupational Exposure Limits: No specific exposure limits noted for the components of this product.

Appropriate Engineering Controls: No data.

Individual Protection measures, such as PPE (Personal Protective Equipment):

Personal Protection Equipment:	
Respiratory Protection:	None should be required. If necessary, use OSHA/NIOSH – Approved respirators in poorly ventilated areas.
Eye Protection:	Safety glasses.
Hand Protection:	Use gloves impervious to water and soap.
Skin Protection:	Wash hand thoroughly after using. Protective clothing upon
Thermal Protection:	No data.
General Safety and Hygiene Measures:	Use good hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance:	Fluid
Color:	Various
Odor:	Mild
Odor Threshold:	No data.
pH:	No data.
Boiling Point/Range:	100°C
Melting Point/Range:	N/A
Flash Point:	Aqueous systems; N/A
Evaporation Rate:	Is slower than Butyl Acetate (Butyl Acetate =1)
Vapor Density:	(air=1); <1
Solubility(ies):	No data.
Vapor Pressure:	Same as water.
Relative Density:	No data.
Viscosity:	No data.
Partition Coefficient (n-octanol/water), if applicable:	No data.
Explosive Properties:	No data.
Flammability: (Solid, gas)	Not applicable; aqueous system
Flammability Limit in Air: Upper/Lower	Not applicable; aqueous system
Autoignition temperature:	No data.
Decomposition temperature:	No data.

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	None
Incompatible Materials:	None
Hazardous Decomposition Products:	Carbon monoxide and/or carbon dioxide.
Possibility of Hazardous Reactions/Polymerization:	Will not occur.
Reactivity:	No data.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Eye Contact –Serious Eye Damage or Irritation	No data
Skin Contact – Skin Corrosion, Sensitization or Irritation:	No data.
Ingestion – Carcinogenicity/Aspiration Hazard:	No data.
Inhalation – Respiratory Sensitization/Toxicity:	Information on analogous product shows minimal toxicity concerns.
Symptoms of exposure:	No data.
Information on toxicological effects:	Information on analogous product shows minimal toxicity concerns.
Delayed or Immediate effects:	No data.
Germ Cell Mutagenicity:	No data.
Specific target organ toxicity (single exposure):	No data.

Specific target organ toxicity (repeated exposure):	Not considered a carcinogen.			
Chemicals listed on NTP, IARC or OSHA as a Carcinogen?:	Not listed as a carcinogen			
Chemical Name: None	Oral LD50 -	Dermal LD50 -	Inhalation LC50 -	Percentage -

*Estimates for product may be based on additional component data not shown.

12. ECOLOGICAL INFORMATION (NON-MANDATORY)

Ecotoxicity:	No data.
Persistence and degradability:	Polymer is not biodegradable.
Bioaccumulative potential:	No data.
Mobility in soil:	No data.
Other adverse effects:	Does not inhibit bacteria in waste treatment facilities.

13. DISPOSAL CONSIDERATIONS (NON-MANDATORY)

Disposal instructions:	Recycle or incinerate or absorb water and bury in a suitable landfill where permitted under appropriate national and local regulations.
EPA waste code(s):	No data.
Contaminated packaging:	No data.

14. TRANSPORTATION INFORMATION (NON-MANDATORY)

	DOT	IMDG	IATA
UN/ID number:	Not regulated.	Not regulated.	Not regulated.
Proper shipping name:	-	-	-
Transport hazard class:	-	-	-
Packing group (if applicable):	-	-	-
Environmental Provisions:	-	-	-
Special Precautions in transport:	No data.		
Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code	No data.		
Emergency Response Guide Number:	No data.	EmS-No:	No data.

Pictograms

US: None	IATA; IMDG: None	Marine Pollutant: None
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15. REGULATORY INFORMATION (NON-MANDATORY)

US Federal Regulations:	
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):	This product is manufactured in compliance with all provisions of the Toxic Substance Control Act, 15 U.S. C.2601 et. Seq.
CERCLA (Superfund) reportable quantity (lbs.) (40 CFR 302.4)	Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):	Not regulated.
Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A):	Not regulated.

Chemical Name:	CAS Number:	Reportable Quantity:	Threshold planning quantity:	Threshold planning quantity, lower value:	Threshold planning quantity, upper value:
None	X	X	X	X	X
Superfund Amendments and Reauthorization Act of 1986 (SARA)					
SARA/Title III:	This product does not contain any substances at or above the reported threshold under Section 313, based on available data.				
SARA 304 Emergency release notification:	Not regulated.				
SARA 311/312 (40 CFR 370) Hazardous Chemical:	Not regulated.				
SARA 313 (TRI reporting):	<u>Chemical Name:</u> None	<u>CAS Number:</u> -	<u>% by wt.</u> -		
Drug Enforcement Administration (DEA) (21 CFR 1308.11-15):	Not regulated.				
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (Haps) List:	Not regulated.				
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):	Not regulated.				
Safe Drinking Water Act (SDWA):	Not regulated.				
Canadian Domestic Substances List (DSL):	Not regulated.				
FDA:	Not regulated.				
Conforms to Non-Toxic ASTM-4236:	Products are certified in a program of toxicological evaluation by a nationally recognized toxicologist to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. These products are certified to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236. In addition, there is no physical hazard as defined within 29 CFR Part 1910.1200(c).				
California Proposition 65 Warning:	This product contains the following chemicals that are known to the State of California to cause cancer, birth defects, or other reproductive harm: None.				
EPA Clean Air / Water Act:	Not regulated.				
EPA Hazardous Wastes:	Not regulated.				
HMIS III Rating:	Not regulated.				

Unless a concentration is specified in Section 2 of the SDS, the above chemicals(s) are present in trace amounts.

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

16. OTHER INFORMATION

These recommendations and information contained in this MSDS have been compiled from sources believed to represent the most current information available when the MSDS was prepared. However, the manufacturer / distributor of this product does not provide any warranty, guaranty of representation as to the correctness or sufficient of this information. If this material is used in large amounts and/or an unusual manner, the user is obliged to determine what safety measures are appropriate, including the applicable and relevant workplace and environmental regulations pertaining to handling, use and disposal.

Table of Abbreviations			
ACGIH:	American Conference of Governmental Industrial Hygienists	LD:	Lethal Dose
ANSI:	American National Standards Institute	MARPOL:	Marine Pollution
ASTM:	American Society for Testing Materials	mg / kg:	Milligram per Kilogram
°C:	Degrees Centigrade	mm:	Millimeter
CAA:	Clean Air Act	MSHA:	Mine Safety and Health Administration
CAS:	Chemical Abstract Service	N/A:	Not Applicable
CERCLA:	Comprehensive Environmental Response, Compensation & Liability Act	NFPA:	National Fire Protections Association
CFR:	Code of Federal Regulations	NIOSH:	National Institute for Occupational Safety and Health
CPR:	Controlled Products Regulations	NTP:	National Toxicology Program
DEA:	Drug Enforcement Act	OEL:	Over Exposure Limit
DOT:	Department of Transportation	OSHA:	Occupational Safety and Health Administration
DSL:	Canadian Domestic Substances List	PEL:	Permissible Exposure Limits
EmS:	Emergency Medical Goods Services	ppm:	Parts Per Million
EPA:	Environmental Protection Agency	SARA:	Superfund Amendment and Reauthorization Act
°F:	Degrees Fahrenheit	STEL:	Short-Term Exposure Limit
FDA:	Food & Drug Administration	SDS:	Safety Data Sheet
g/l:	Grams per Liter	SDWA:	Safe Drinking Water Act
HAPs:	Hazardous Air Pollutants	TLV:	Threshold Limit Value
Hg:	Mercury	TRI:	Toxics Release Inventory
HMIS:	Hazardous Materials Identification System	TSCA:	Toxic Substances Control Act
HNOC:	Hazard(s) Not otherwise classified	TWA:	Time – Weighted Average
IARC:	International Agency for Research on Cancer	U.N.	United Nations
IATA:	International Air Transport Association	WHMIS:	Workplace Hazardous Materials Information System
ID:	Identification / Identity	>	Greater Than
IDLH:	Immediate Danger to Life or Health	<	Less Than
IMDG:	International Maritime Dangerous Goods	73/78:	1973 & 1978
LC:	Lethal Concentration		

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