

1395



Safety Data Sheet



V#026796

1. COMPANY AND PRODUCT IDENTIFICATION

Duncan Enterprises
 5673 East Shields Avenue
 Fresno, CA 93727
 559-291-4444
 559-291-9444 (Fax)
 www.duncan.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: Aleene's Wood Glue
Product Use/Description: Water-based adhesive
Restrictions on use: None known.

2. HAZARDS IDENTIFICATION

Classification:	This mixture does not meet the criteria for classification.
Hazard Statement:	None.
Other Hazards:	None.
Signal Word:	None.
Precautionary Statement:	None.
Pictogram(s) by GHS:	None.

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. Each chemical may not exist as its original formula in final products.

Reportable ingredients (if applicable):

Identity/Synonym	CAS Number	Percentage/Range*
Diethylene glycol dibenzoate	120-55-8	1 - 3 %
Polyvinyl alcohol	9002-89-5	1 - 3%

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

General Advice:	
On Inhalation:	Health injuries are not known or expected under normal use.
On Skin Contact:	Health injuries are not known or expected under normal use.
On Eye Contact:	Direct contact with eyes may cause temporary irritation.
On Ingestion:	Health injuries are not known or expected under normal use.
Acute/Delayed Symptoms:	None
Medical Advice:	Treat symptomatically and supportively.
Symptoms /Effects:	See section 11.
Special Treatment Needed:	None.

5. FIRE FIGHTING MEASURES

Extinguishing Media	
Suitable extinguishing media:	Use fire-extinguisher media appropriate for surrounding materials.

Unsuitable extinguishing media:	None known.
Protection of Firefighters	
Specific hazards arising from the chemical:	This product is an aqueous mixture which will not burn. If evaporated to dryness, the solid residue may pose a moderate fire hazard. Closed containers may rupture (due to buildup of pressure) when exposed to extreme heat.
Protective equipment for firefighters:	No special precautions.
Special precautions for fire fighters:	No special precautions.
Will hazardous combustion occur?:	Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	No special precautions.
Environmental Precautions:	Avoid discharge into drains, water courses or on to the ground.
Methods for Cleaning Up:	Absorb spillage with suitable absorbent material. Clean up in accordance with all applicable regulations.
Emergency Procedures:	None listed.
Recommended Personal Protective Equipment:	See section 8.

7. HANDLING AND STORAGE

Safe Storage:	Store in closed original container in a dry place. Store away from incompatible materials. Storage temperature: 40°F and 100°F. Protect from freezing.
Safe Handling:	No specific usage precautions noted.
Known Incompatibilities:	None known.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Occupational Exposure Limits: No exposure limits noted for ingredient(s).

Appropriate Engineering Controls: No specific hygiene procedures noted but well personal hygiene practices are always advisable, especially when working with chemicals.

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

Personal Protection Equipment:	
Respiratory Protection:	Under normal conditions, respirator is not normally required.
Eye Protection:	Wear safety glasses. If splash potential exists, wear full face shield or chemical goggles.
Hand Protection:	No special precautions.
Skin Protection:	No special precautions.
Thermal Protection:	None.
General Safety and Hygiene Measures:	No special requirements.
Further Information:	None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance:	Liquid
Color:	Light brown.
Odor:	Slightly sweet.
Odor Threshold:	Not available.
pH:	4 – 6.
Boiling Point/Range:	>212°F (>100°C)
Melting Point/Range:	32°F (0°C) Approx.
Flash Point:	>212°F (>100°C)

Evaporation Rate:	1 Water=1
Vapor Density:	0.62 (Air=1)
Solubility(ies):	Miscible.
Vapor Pressure:	17.5 mm Hg at 20°C
Relative Density:	No data.
Viscosity:	No data.
Partition Coefficient (n-octanol/water), if applicable:	Not applicable.
Explosive Properties:	No data.
Flammability: (Solid, gas)	Not available.
Flammability Limit in Air: Upper/Lower	Not available.
Autoignition temperature:	Not available.
Decomposition temperature:	Not available.

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions.
Conditions to Avoid:	Heat and direct sunlight.
Incompatible Materials:	Strong oxidizing agents. Alkalies.
Hazardous Decomposition Products:	Carbon oxides.
Possibility of Hazardous Reactions:	Will not occur.
Reactivity:	Will not occur.
Hazardous polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Delayed or Immediate effects:	None known.		
Germ Cell Mutagenicity:	None known.		
Specific target organ toxicity (single exposure):	None known.		
Specific target organ toxicity (repeated exposure):	None known.		
Chemicals listed on NTP, IARC or OSHA as a Carcinogen?:	None known.		
Chemical Name:	Oral LD50	Dermal LD50	Inhalation LC50
Diethylene glycol dibenzoate	2830mg/kg (2830mg/kg) rat	20mL/kg (20mL/kg) rabbit	Not established.
Polyvinyl alcohol	8750mg/kg (18750mg/kg) guinea pig 14270mg/kg (14270mg/kg) mouse 23854mg/kg (23854mg/kg) rat	Not established.	Not established.

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

12. ECOLOGICAL INFORMATION (NON-MANDATORY)

Ecotoxicity:	Not expected to be harmful to aquatic organisms.
Persistence and degradability:	No data available.
Bioaccumulative potential:	No data available.
Aquatic / Terrestrial warnings:	No data.
Mobility in soil:	The product is insoluble in water and will sediment in water systems.
Other adverse effects:	None known.

13. DISPOSAL CONSIDERATIONS (NON-MANDATORY)

Disposal instructions:	Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Do not discharge into drains, water courses or onto the ground.
Local disposal regulations:	No data.
Hazardous waste code:	No data.
Contaminated packaging:	No data.
Waste residues:	No data.

14. TRANSPORTATION INFORMATION (NON-MANDATORY)

	DOT	IMDG	IATA
UN/ID number:	Not regulated as dangerous goods.	Not regulated as dangerous goods.	Not regulated as dangerous goods.
Proper shipping name:	N/A	N/A	N/A
Transport hazard class:	N/A	N/A	N/A
Packing group (if applicable):	N/A	N/A	N/A
Environmental Provisions:	N/A	N/A	N/A
Special Precautions:	N/A	N/A	N/A
Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code			
Emergency Response Guide Number:		EmS-No:	None

Pictograms

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

US Federal Regulations:					
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):			Not regulated.		
CERCLA (Superfund) reportable quantity (lbs.) (40 CFR 302.4)			None		
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):			None		
Hazard Categories:					
Immediate Hazard:			No		
Delayed Hazard:			No		
Fire Hazard:			No		
Pressure Hazard:			No		
Reactivity Hazard:			No		
Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A):			No		
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 304 Emergency release notification:			None		
SARA 311/312 (40 CFR 370) Hazardous Chemical:			None		

SARA 313 (TRI reporting):	Chemical Name: None	CAS Number: N/A	% by wt. N/A
Drug Enforcement Administration (DEA) (21 CFR 1308.11-15):	Not controlled.		
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (Haps) List:	No data.		
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):	No data.		
Safe Drinking Water Act (SDWA):	No data.		
Canadian Domestic Substances List (DSL):	No data.		
State Regulations			
TSCA:	This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S. C. 2601 et. Seq.		
FDA:	21 CFR 175.105		
SARA/Title III:	This product does not contain any substances at or above the reported threshold under Section 313, based on available data.		
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		
HMIS III Rating:	No data.		
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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END SAFETY DATA SHEET