



Safety Data Sheet

D00011-BLACK WATER BASED INK 1 GAL.

Section 1. Identification

Product Identifier D00011-BLACK WATER BASED INK 1 GAL.
Synonyms Black Waterbased DOD Ink
Manufacture Stock Numbers N/A

Recommended use Printing
Uses advised against N/A

Manufacturer Contact
Address ZANASI USA
9490 Hemlock Lane North
Maple Grove, MN, 55369
HENNEPIN

Phone
(763) 593-1907

Emergency Phone Fax
(800) 424-9300 (763) 593-1941
CHEMTREC 24
HOUR ER LINE

Section 2. Hazards Identification

Classification ACUTE TOXICITY - ORAL - Category 5
Signal Word Warning
Pictogram
Hazard Statements May be harmful if swallowed in large amounts.
Precautionary Statements
Response Call a poison center/doctor if you feel unwell.
Prevention N/A
Storage N/A
Disposal N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified INHALATION: None expected under normal conditions of use. EYE CONTACT: May cause slight irritation. SKIN CONTACT: May cause slight irritation. INGESTION: Small amounts are unlikely to cause injury. CHRONIC: Does not

contain a material listed as carcinogenic by NTP, IARC, and OSHA. Repeated overexposure may cause liver, kidney, and gastrointestinal effects.

No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
112-34-5	Diethylene Glycol Monobutyl Ether	1% - 29%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Inhalation:	Remove to fresh air. Get medical attention if breathing is difficult.
Eye Contact:	Flush with water immediately for 15 minutes. Contact a physician.
Skin Contact:	Remove contaminated clothing. Wash skin with soap and flowing water.
Ingestion:	Call a physician immediately. Do not induce vomiting. Keep person warm.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Water spray, dry chemical, CO2, foam.
Unsuitable Extinguishing Media	N/A
Fire Fighting Instructions:	When large quantities or indoor fires are involved, wear a self-contained breathing apparatus and complete protective clothing.
Hazardous Combustion Products:	CO, CO2, trace organix aldehydes and acids.

Section 6. Accidental Release Measures

Small Spills:	Soak up with absorbent material and hold in covered container for incineration according to applicable regulations.
Large Spills:	Eliminate ignition sources and put on personal protective equipment. Dike and/or pump into appropriate containers. Destroy by incineration in accordance with all Federal, State, and local laws and regulations.

Section 7. Handling and Storage

Handling:	Wash thoroughly after handling.
Storage:	Store in a cool area.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Diethylene Glycol Monobutyl Ether	N/A	N/A	N/A
Personal Protective Equipment	Goggles, Gloves			
Engineering Controls:	General exhaust is recommended.			
Respiratory Protection:	Not usually required unless spraying ink in a confined area. Then a NIOSH/MSHA approved respirator with organic vapor cartridges or canister should be used.			
Skin Protection:	Wear impervious gloves if hand contact is anticipated.			
Eye Protection:	Chemical splash goggles should be used when working with chemicals.			

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Black
Odor	Mild
Odor Threshold	N/A
Solubility	Complete
Partition coefficient Water/n-octanol	N/A
Viscosity	N/A
Specific Gravity	1.01
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
Ph	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	>212F (>100C)
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	<0.01mm Hg, 68F (20C)
Vapor Density	3.66

Section 10. Stability and Reactivity

Chemical Stability: (Conditions to avoid) None.
Incompatibility: Strong oxidizing agents.
Hazardous decomposition or byproducts: Carbon monoxide, carbon dioxide.
Hazardous polymerization: Will Not Occur.

Section 11. Toxicological Information

Toxicological Information: Diethylene Glycol: LD50 lg/kg (oral, human), 11.89 g/kg (skin, rabbit).

Section 12. Ecological Information

Ecological Information: Prevent any runoff from reaching natural waterways.

Section 13. Disposal

Disposal Considerations: See Section 6. Waste materials would be considered non-hazardous.

Section 14. Transport Information

UN Number N/A
UN Proper Shipping Name N/A
DOT Classification N/A
Packing Group N/A
DOT Information: DOT, IATA, IMDG: Not regulated

Section 15. Regulatory Information

Regulatory Information: EPCRA (SARA) Sec. 313 Reportable Materials: None - TSCA: All components are listed in the TSCA Inventory.

Section 16. Other Information

Revision Date 8/15/2014
HMIS and NFPA Rating: Health 1, Fire 0, Reactivity 0 (4 = extreme, 3 = high, 2 = moderate, 1 = slight, 0 = least)
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