



# Safety Data Sheet

D00212-1/BLACK ETHANOL SPECIAL BLEND 5 GAL.

## Section 1. Identification

Product Identifier D00212-1/BLACK ETHANOL SPECIAL BLEND 5 GAL.  
Synonyms Black Ethanol Special Blend 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 EYE DAMAGE/IRRITATION - Category 2B  
FLAMMABLE LIQUIDS - Category 2  
SKIN CORROSION/IRRITATION - Category 2  
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3

Signal Word Danger

Pictogram



Hazard Statements Causes eye irritation  
Causes skin irritation  
Highly flammable liquid and vapor  
May cause respiratory irritation

Precautionary Statements

Response	<p>Call a poison center/doctor/ ... /if you feel unwell.          If eye irritation persists: Get medical advice/attention.          If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.          If inhaled: Remove person to fresh air and keep comfortable for breathing.          If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.          If on skin: Wash with plenty of water/ ...          If skin irritation occurs: Get medical advice/attention.          In case of fire: Use ... to extinguish.          Specific treatment (see ... on this label)          Take off contaminated clothing and wash it before reuse.</p>
Prevention	<p>Avoid breathing dust/fume/gas/mist/ vapors/spray.          Ground/bond container and receiving equipment.          Keep away from heat/sparks/open flames/hot surfaces. - No smoking.          Use explosion-proof electrical/ventilating/lighting/.../equipment.          Wear protective gloves/eye protection/face protection</p>
Storage	Store in a well-ventilated place. Keep cool.
Disposal	N/A
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	<p>INHALATION: May be harmful if inhaled. Causes respiratory tract irritation. Vapors may cause drowsiness and dizziness. SKIN: May be harmful if absorbed through the skin. Causes skin irritation. EYES: Causes eye irritation. INGESTION: May be harmful if swallowed. Aspiration hazard if swallowed - can enter lungs and cause damage.</p> <p>No Data Available</p>

<b>Section 3. Ingredients</b>
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CAS	Ingredient Name	Weight %
Proprietary	Black Pigment	1% - 5%
71-23-8	N- Propanol	1% - 5%
Proprietary	Modified Polymers/Binders	5% - 10%
34590-94-8	Dipropylene Glycol Monomethyl Ether	5% - 10%
64-17-5	Ethanol	80% - 85%

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

## Section 4. First-Aid Measures

EYE CONTACT	Eye Contact: Flush with copious amounts of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention.
SKIN CONTACT	Skin Contact: In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Call a physician immediately.
INHALATION	Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.
INGESTION:	Inducing vomiting should only be performed under the direct supervision of medical personnel. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Water spray, foam, dry chemical, carbon dioxide. Alcohol resistant foams (ATC) are preferred, if available.
Unsuitable Extinguishing Media	N/A
Flash Point:	<70 F
Unusual Fire and Explosion Hazards:	This flammable liquid must be kept away from sparks, open flames, hot surfaces and all sources of heat and ignition. Decomposition materials may emit acrid smoke and irritating fumes. Never use welding or cutting torch on or near drum (including empty) because product can ignite explosively.
Special Fire Fighting Procedures:	In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure or other positive pressure mode. Water spray may be used to keep fire-exposed containers cool.
Fire and Explosion Hazards:	Flammable Liquid. Dangerous fire hazard when exposed to heat or flame. Explosive peroxides may form on prolonged storage in contact with air and heat.

## Section 6. Accidental Release Measures

Spill Procedure:	<p>Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (i.e., vermiculite, dry sand, and earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. DO NOT FLUSH TO SEWER! If leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.</p> <p>US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities.</p>
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## Section 7. Handling and Storage

Handling:	Protect against physical damage. Store in a cool, dry, well-ventilated location, away from any area where the fire hazard may be acute. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use area should be NO SMOKING areas. Use non-sparking tools and equipment, including explosion proof ventilation. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.
Storage Precautions:	Store in a cool, dry, well ventilated place, in securely closed original container. Flammable/combustible- keep away from oxidizing agents, heat and flames.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Black Pigment	0	N/A	N/A
	N- Propanol	200	200	N/A
	Modified Polymers/Binders	0	N/A	N/A
	Dipropylene Glycol Monomethyl Ether	1000	1000	N/A
	Ethanol	1000	1000	N/A
Personal Protective Equipment	Goggles, Gloves, Apron			
EYE PROTECTION:	Use chemical safety glasses or goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick drench facilities in work area.			
VENTILATION SYSTEM:	A system of local and or general exhaust is recommended to keep employee exposures below the Airborne exposure limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into general work area. Use explosion-proof equipment.			
Respiratory Protection:	Appropriate respiratory protection is required when exposure to airborne contaminant is likely to exceed acceptable limits. Respirators should be selected and used in accordance with OSHA part 1910.134 and manufacturer's recommendations.			
Skin Protection:	Wear impervious protective clothing, including boots, gloves, lab coat, apron or overalls, as appropriate, to prevent skin contact. Check with your safety supplier for the proper chemical-resistant gloves.			

## Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Black Liquid
Odor	Alcohol-like odor
Odor Threshold	N/A
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
Viscosity	N/A
Specific Gravity	1
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	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	>2.5 (Air=1)

## Section 10. Stability and Reactivity

Stability:	Stable. Under normal storage conditions, peroxidizable compounds can form and accumulate peroxides which may explode when subjected to heat or shock. This material is most hazardous when peroxide levels are concentrated by distillation of evaporation.
Conditions to Avoid:	Heat, flames, sparks, ignition sources and incompatibles.
Incompatibility (Materials to avoid):	Oxidizing materials.
Hazardous Decomposition Products:	Carbon dioxide and carbon monoxide may form when heated to decomposition.
Hazardous polymerization:	Will Not Occur.

## Section 11. Toxicological Information

Toxicological Information:	No toxicity studies have been conducted on this product. As with all chemicals for which test data are limited or do not exist, caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.
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## Section 12. Ecological Information

**Environmental Toxicity:** The Ecological characteristics of this product have not been fully investigated. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. Do not discharge product to the environment.

## Section 13. Disposal

**Waste Disposal Method:** Recovered and non-usable material may be regulated as a hazardous waste due to its ignitibility and/or its toxic characteristics. It is the responsibility of the user to determine if the material is a RCRA "hazardous waste" at the time of disposal. Transportation, treatment, storage, and disposal of waste material must be conducted in accordance with RCRA regulations. State and/or local regulations may be more restrictive.

## Section 14. Transport Information

**UN Number:** 1210  
**UN Proper Shipping Name:** UN1210, PRINTING INK, CLASS 3, PG II, FLAMMABLE LIQUID.  
**DOT Classification:** 3  
**Packing Group:** II  
**Label Required:** Flammable  
**IATA Regulations:** Proper Shipping-UN1210, Printing Ink, 3, PGII

## Section 15. Regulatory Information

**Toxic Substances Chemical Inventory (TSCA):** This product (and/or all of its components) is in compliance with USEPA TSCA.

## Section 16. Other Information

**Revision Date:** 8/28/2014  
**HMIS Hazard Rating:** Health- 2; Fire- 3; Reactivity- 0; PPE- Goggles & Shield; Apron; Vent Hood; Proper Gloves; Fire Extinguisher  
**Disclaimer:** The information accumulated herein is believed to be accurate and represents the best data currently available. It is the user's responsibility to determine suitability of use. No warranty, expressed or implied, is made and ZANASI USA assumes no legal responsibility or liability resulting from its use. Materials comprising <1% by weight, or <0.1% by weight if the chemical is a carcinogen, are not listed herein.