



Safety Data Sheet

D00052- WATERBASED UV INK 5 GAL.

Section 1. Identification

Product Identifier D00052- WATERBASED UV INK 5 GAL.
Synonyms WATERBASED UV DOD INK 5 GAL.
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 2A
FLAMMABLE LIQUIDS - Category 2
SKIN CORROSION/IRRITATION - Category 3
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3

Signal Word Danger

Pictogram



Hazard Statements Causes mild skin irritation
Causes serious eye irritation
Highly flammable liquid and vapor
May cause drowsiness or dizziness

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 skin irritation occurs: Get medical advice/attention. In case of fire: Use ... to extinguish.</p>
Prevention	<p>Avoid breathing dust/fume/gas/mist/ vapors/spray. Ground/bond container and receiving equipment. Keep away from heat. Keep container tightly closed. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/.../equipment. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Wash ...thoroughly after handling. Wear eye protection/face protection. Wear protective gloves/eye protection/face protection</p>
Storage	<p>Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.</p>
Disposal	<p>Dispose of contents/container to ...</p>
Ingredients of unknown toxicity	<p>0%</p>
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 skin. Causes skin irritation. Eyes: Causes eye irritation. Ingestion: May be harmful if swallowed.</p> <p>No Data Available</p>

Section 3. Ingredients

CAS	Ingredient Name	Weight %
7732-18-5	Water	40% - 50%
67-63-0	Isopropyl alcohol	40% - 50%
34590-94-8	Dipropylene Glycol Monomethyl Ether	5% - 10%

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	56°F Flammable liquid. Dangerous fire hazard when exposed to heat or flame. Water spray, foam, dry chemical, carbon dioxide. Alcohol resistant foams (ATC) are preferred, if available. 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. 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.
Unsuitable Extinguishing Media	N/A

Section 6. Accidental Release Measures

Spill Procedure:	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. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities.
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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
	Water	0	N/A	N/A
	Isopropyl alcohol	200	400	N/A
	Dipropylene Glycol Monomethyl Ether	1000	1000	N/A
Personal Protective Equipment	Goggles, Gloves			
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	Clear
Odor	Alcohol-like odor
Odor Threshold	N/A
Solubility	Complete
Partition coefficient Water/n-octanol	N/A
Viscosity	N/A
Specific Gravity	0.79
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	56°F
FP Method	N/A
Ph	N/A
Melting Point	N/A
Boiling Point	>200°F
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	44
Vapor Density	1.6

Section 10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
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.
IARC	Isopropanol is classified as IARC Group 3 or Unclassifiable as Carcinogenic to Humans.
Isopropyl Alcohol Toxicological Information:	Acute Oral Toxicity: Low toxicity: LD50>2000 mg/kg, Rat Acute Dermal Toxicity: Low toxicity: LD50 >2000 mg/kg, Rabbit; Acute Inhalation Toxicity: Low toxicity: LC50>5000ppm/ 1 hours, Rat

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
DOT Classification 3
Packing Group II
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 4/4/2016
HMIS Hazard Ratings: 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.