Safety Data Sheet

D00172- YELLOW MEK INK 5 GAL.

Section 1. Identification

Product Identifier	D00172- YELLOW MEK INK 5 GAL.
Synonyms	YELLOW MEK 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	Emergency Phone	Fax
(763) 593-1907	(800) 424-9300 CHEMTREC 24 HOUR ER LINE	(763) 593-1941

Section 2. Hazards Identification

Classification

EYE DAMAGE/IRRITATION - Category 2A
FLAMMABLE LIQUIDS - Category 2
SKIN CORROSION/IRRITATION - Category 2
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3

Signal Word: Danger

Pictogram

Hazard Statements

Causes skin irritation
Highly flammable liquid and vapor
May cause respiratory irritation

Precautionary Statements

Response: If in eyes: Rinse cautiously with water for several minutes. Remove contact

	lenses, if present and easy to do. Continue rinsing. If swallowed: Immediately call a poison center/doctor/...
Prevention	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
Storage	Store in a well-ventilated place. Keep container tightly closed.
Disposal	N/A
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	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.
	No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
108-65-6	Propylene Glycol Monomethyl Ether Acetate	0.5% - 1%
Proprietary	Yellow Pigment	1% - 5%
Proprietary	Modified Polymers/Binders	15% - 20%
78-93-3	Methyl ethyl ketone	75% - 80%

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 immediatley.
INGESTION	Ingestion: Aspiration hazard. If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to help prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician 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
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.
Fire fighting instructions	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Extremely flammable liquid and vapor. Vapor may cause flash fire. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas.

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 personel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an intert 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 personel 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.

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. Seperate 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. wel ventilated place, in securely closed original container. Flammable/combustible- keep away from oxidizing agents, heat and flames.

Section 8. Exposure Controls/Personal Protection

	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Occupational Exposure Limits	Propylene Glycol Monomethyl Ether Acetate	N/A	N/A	N/A
	Yellow Pigment	0	N/A	N/A
	Modified Polymers/Binders	0	N/A	N/A
	Methyl ethyl ketone	200ppm	200ppm	300ppm

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	Yellow Liquid
Odor	Ketone-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	25 F
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 (Water =1)

Section 10. Stability and Reactivity

Stability:	Stable. Under normal storage conditions.
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 text data are limited or do not exist, caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.

Section 12. Ecological Information

Environmental Toxicity:	The Ecological characterisitics 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 prodouct 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	PG II
IATA Regulations:	Proper Shipping-UN1210, Printing Ink, 3, PGII
Label Required:	Flammable

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	8/15/2014
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.