

1. Identification of the Preparation and of The Company	
Product Name and/or code:	1 oz Bottle ink 9800659
Effective Date:	29-May-15
Manufacturer:	Advantus Corporation 12276 San Jose Blvd # 618 Jacksonville, FL 32223
Information Contact:	904-482-0091
Emergency Contact:	1-800-327-1237
Chemtrec (24 hours)	800-424-9300 (for spills only)
Product Use:	Ink for numbering machine ink pad
2. Hazards Identification	
Emergency Overview CAUTION! MAY CAUSE EYE AND SKIN IRRITATION. <i>Classification of the Product:</i> Judge to be non-hazardous as used. Label Elements Pictograms  GHS07 Signal Word CAUTION! Hazard Statement May cause eye irritation. May cause skin irritation. Do not spray apply. Precaution Statement Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Children's Statement Keep out of the reach of children. <i>Classification of the Product:</i> NFPA (scale 0-4) Health: 1 Fire: 1 Reactivity: 0 HMIS (scale 0-4) Health: 1 Fire: 1 Reactivity: 0 Regulation (EC) No. 1272/2008 Skin Irritant (H315); Eye Irritant 2 (H319) Directive 67/548/EEC & Directive 1999/45/EC [Hexylene Glycol: Xi: R36, R38]	
3. Composition/Information on Ingredients:	
Substances: Mixture of the following chemicals: Hexylene Glycol (CAS No. 107-41-5) 55-65% Triton™X-15 Surfactant (CAS No. 9036-19-5; 25322-68-3) 26-40% Pigments (Proprietary Ingredients) 0.02 -20% Risk and Safety Phrases: Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and according to DSD (Dangerous Substances Directive (67/548/EEC)) and DPD (Dangerous Preparations Directive (1999/45/EC)) and no workplace-related occupational exposure limits are specified for any of the listed ingredients. These ingredients are regarded as trade secrets.	
4. First Aid Measures	
Inhalation	If affected, seek fresh air.

Skin Contact	Wash the affected area thoroughly with plenty of soap and water.
Eye Contact	Carefully flush for water for 15 minutes. If irritation occurs, contact a physician.
Ingestion	Drink water or milk to dilute. Do not induce vomiting. Contact a physician.
5. Firefighting Measures	
Extinguishing Media	Water, foam, carbon dioxide or dry chemical equipment.
Fire/Explosion Hazards	Slight fire hazard when exposed to heat and flame. Container explosion may occur under fire conditions. Keep away from heat and sources of ignition.
Flashpoint/Flammability	Not flammable
6. Accidental Release Measures	
Environmental precautions	This product should not be released in to the environment.
Methods and Materials for Containment and Cleaning up	Contain spill. Recover as much as possible. Absorb remainder with an inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water.
7. Handling and Storage	
Safe Handling	Avoid eye and skin contact. For personal protection, it is recommended that employees wash thoroughly after handling product. Always wash before eating, smoking or using toilet facilities. Keep container tightly closed when not in use. Keep container upright to prevent leakage.
Storage	Keep the sample in a cool dry ventilated area. Keep away from fire and heating sources. Keep container closed.
8. Exposure Controls/Personal Protection	
Personal Protective Equipment	Wear goggles where spills or splashing may occur. Wear water resistant impervious gloves if handling bulk amounts.
Exposure Limits	Airborne exposure limit Hexylene Glycol: US. ACGIH Threshold Limit Values. Ceiling limit Value: 25ppm Triton™x-15 Surfactant: No information available.
Respiratory and Ventilation	Wear approved NIOSH/MSHA respirator if exposure to mist or vapor exceed applicable PEL/TLV limits. Use in accordance with manufacturer's use limitations and OSHA STANDARD 1910-34. Local ventilation may be used to prevent routine inhalation.
Skin Protection	Wear impervious gloves if handling bulk amounts.
Eye Protection	Wear goggles where spills or splashing may occur.
9. Physical and Chemical Properties	
Appearance	Liquid-Ink
Physical State	(Pad: Solid) and (Re-inker: liquid)
Color	Various (Please refer to section 16 for a full color list)
Odor	Slight
Boiling Point	Not determined
Freezing Point	No data available

State (pH)	Not determined
Specific Gravity	Not determined
Viscosity	100-1000 CPS
Flashpoint	Not applicable
Vapor Pressure	Not determined
Vapor Density	<1
Solubility in water	Miscible
10. Stability and Reactivity	
Reactivity:	Not expected to be reactive. No dangerous reaction known under conditions of normal use.
Chemical Stability	Stable under normal storage conditions.
Conditions to Avoid	Keep away from heat, sparks and flame.
Incompatible materials	Strong oxidizing substances. Amines. Acids. Bases.
Hazardous Decomposition Products	No dangerous decomposition products known.
11. Toxicological Information	
Health Effects	Studies have not been performed on this particular mixture. The information below is based on data on the individual ingredients.
Oral	Hexylene Glycol: Slightly Toxic. (rat, mouse, rabbit, guinea pig) LD50 = 2,800 - 4,700 mg/kg Triton™X-15 Surfactant: LD50, Rat > 4,000 mg/kg
Inhalation	Hexylene Glycol: Practically nontoxic. LD50, Rat > 5,000 mg/kg Hexylene Glycol: Slightly Toxic to practically nontoxic. (Rabbit) LD50 > 1,840 - 12,300 mg/kg Triton™X-15 Surfactant: LD50, Rabbit > 3,000 mg/kg
Dermal	Hexylene Glycol: No deaths observed. (Rat) 8h LC0 >=0.77 mg/l (160ppm) Triton™X-15 Surfactant: LC50 has not been determined.
Eye Effects	Causes eye irritation.
Skin Effects	May cause skin irritation.
Respiratory Effects	Vapors may cause drowsiness and dizziness.
<u>Additional toxicological information:</u>	When used and handled according to specifications, the mixture does not have any harmful effects according to past experience and the information provided.
12. Ecological Information	
Toxicity:	Not expected to be harmful to the environment.
Aquatic toxicity	Moderate toxic to aquatic organisms on an acute basis.
Persistence and degradability	Readily biodegradable.
Bio accumulative potential	Not expected to bioaccumulate significantly.
Mobility in soil	No specific, relevant data available for assessment.
Additional ecological information	No information available for this mixture.
13. Disposal Considerations	
Dispose of all waste material in accordance with all applicable federal, state and local regulations for the disposal of flammable aqueous polymer wastes.	
14. Transport Information	
DOT Non-Bulk	This regulation does not apply to the non-bulk material.
Shipping Name	Not applicable to this mixture.

Technical Shipping Name	Not applicable to this mixture.
Hazard Class	Not applicable to this mixture.
UN Number	Not applicable to this mixture.
Packing Group	Not applicable to this mixture.
IMDG	This regulation does not apply to the non-bulk material.
Shipping Name	Not applicable to this mixture.
Technical Shipping Name	Not applicable to this mixture.
Hazard Class	Not applicable to this mixture.
UN Number	Not applicable to this mixture.
Packing Group	Not applicable to this mixture.
EmS Number	Not applicable to this mixture.
Marine Pollutant	Not applicable to this mixture.
ICAO/IATA	This regulation does not apply to the non-bulk material.
Shipping Name	Not applicable to this mixture.
Technical Shipping Name	Not applicable to this mixture.
Hazard Class	Not applicable to this mixture.
UN Number	Not applicable to this mixture.
Packing Group	Not applicable to this mixture.
Marine Pollutant	Not applicable to this mixture.
<i>This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.</i>	
15. Regulatory Information	
Safety, health and environmental regulations/legislation specific for the substance or mixture.	
SARA	Not applicable to this mixture.
Section 355 (extremely hazardous substances)	Not applicable to this mixture.
Section 313 (Specific toxic chemical listing)	Not applicable to this mixture.
TSCA (Toxic Substance Control Act)	All ingredients are listed.
<i>Proposition 65</i>	WARNING! This product contains ingredients known to the State of California to cause cancer, birth defects and other reproductive harm.
Chemicals known to cause cancer	This product contains ingredients known to the State of California to cause cancer.
Chemicals known to cause reproductive toxicity for females	This product contains ingredients known to the State of California to cause reproductive harm.
Chemicals known to cause reproductive toxicity for males	This product contains ingredients known to the State of California to cause reproductive harm.
Chemicals known to cause developmental toxicity	This product contains ingredients known to the State of California to cause birth defects.
Carcinogenicity categories	
EPA (Environmental Protection Agency)	Not applicable to this mixture.
TLV (Threshold Limit Value established by ACGIH)	Not applicable to this mixture.
MAK (German Maximum Workplace Concentration)	Not applicable to this mixture.
NOISH-Ca (National Institute for Occupational Safety & Health)	Not applicable to this mixture.
OSHA-Ca (Occupational Safety & Health Administration)	Not applicable to this mixture.

Prepared by:

11-Aug-11
GHS Format
Rudolph J. Jaeger, Ph.D., DABT, ERT (UK)
Chief Toxicologist and President
ENVIRONMENTAL MEDICINE, INC.
263 CENTER AVENUE
WESTWOOD, NJ 07675
jaegerr@envmed.com
201-666-7929 x13

The information contained in this Safety Data Sheet was compiled using the latest and most reliable information available to Advantus Corp., Inc. The information is provided without any warranty, express or implied regarding its correctness or accuracy nor will Advantus Corp., Inc. assume any liability for any loss or damage arising out of the use of this information including without limitation direct or indirect losses or expenses. To the extent permitted by law, no warranty express or implied regarding the product described herein shall be created by or inferred from any state or omission for this SDS. It is solely the responsibility of the user to determine safe conditions for use of this product and to assume liability for any loss, damage or expense whatsoever arising out of the product's improper use.

Abbreviations and acronyms:

H Statements

H315

Causes skin irritation.

H319

Causes serious eye irritation.

R-phrases

R36

Irritating to eyes.

R38

Irritating to skin.

NFPA (SCALE 0-4) National Fire Protection Association (USA)

Health: 1

Caution: May be irritating.

Fire: 1

Combustible if heated.

Reactivity: 0

Stable: Not reactive when mixed with water.

HMIS (SCALE 0-4) Hazardous Materials Identification System (USA)

Health: 1

Slight Hazard: Irritation or minor reversible injury possible.

Fire: 1

Slight Hazard: Materials that must be preheated before ignition will occur. Includes liquids, solids, and semi solids having a flash point above 200°F. (Class IIIB)

Reactivity: 0

Minimal Hazard: Materials which are normally stable even under fire

Exposure Limits

ACGIH: The American Conference of Governmental
Industrial Hygienists: Threshold exposure limit values.