

1. IdentificationName of the product: **Ideal Stamp Ink (All colors)**

Product Identification Numbers: None

Recommended use: Ink for self inking ink pads.

Use not recommended: Any use in which the product contacts the body or produces inhalable fumes.

Company: **Advantus Corporation****12276 San Jose Blvd. Bldg. 618****Jacksonville, FL 32223**

Telephone: 904-482-0091

Fax number: 904-482-0099

Product Information: 904-482-0091

Emergency Numbers: Read Right: 1-800-771-0529

CHEMTREC (Transportation): 1-800-424-9300

CPR STATEMENT: This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR. This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA).

2. Hazard(s) identification**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Acute toxicity, Oral (Cat. 4) H302 Harmful if swallowed.

Specific target organ toxicity - repeated exposure, Oral (Cat. 2), Kidney, H373

May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.

Pictogram:



Signal word: Warning

GHS Label elements, including precautionary statements

Hazard statements:

H302 Harmful if swallowed.

H373 May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.

Precautionary statements:

P260 Do not breathe fume/ mist/ vapors/ spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P314 Get medical advice/ attention if you feel unwell.

P501 Dispose of contents/ container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. Composition / Information on ingredients

Chemical identity: 1,2-Ethane diol 25%

Common name: Ethylene Glycol

Numbers of identity: CAS 107-21-1 EC 203-473-3

Chemical identity: 2-hydroxyethyl ether 6%

Common name: DEG, Diethylene glycol

Numbers of identity: CAS 111-46-6 EC 203-872-2

Impurities: None of toxicological significance.

The remainder of the ingredients and percentages are retained as being non hazardous per §1910.1200D.

4. First-aid measures

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P302+352 IF ON SKIN: Wash with soap and water

P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water.

P304+341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes.

Remove contact lenses if present and easy to do; continue rinsing.

5. Firefighting measures

Suitable extinguishing media : Product is not flammable.

Use equipment appropriate for the main cause of a fire.

Precautions:

Flash point: Does not flash.

Autoignition temperature: Does not ignite.

Specific hazards in case of fire: None known.

Special protective equipment and precaution for fire fighters: Fire fighters should wear self-contained breathing apparatus. Do not release runoff from fire control methods to sewers or waterways.

6. Accidental release measures

Personal precautions:

Spill may be slippery.

Environmental precautions:

Prevent spills from entering storm sewers or drains and contact with soil.

Methods and materials for containment and cleaning up:

Vacuum or mop up for possible use or reclaim. Common industrial absorbents may be used.

Dispose as non hazardous waste.

7. Handling and storage

Handling precautions:

Minimize breathing of vapors and avoid prolonged or repeated contact with skin.

Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment.

Use good general housekeeping procedures. Wash hands after handling.

Storage requirements:

Store in cool dry, well-ventilated area away from sunlight. Protect from freezing during shipping and storage.

Keep away from sources of ignition.

8. Exposure controls / personal protection

Information on the system design:

Product is intended for external use only. Stay up wind, out of any spray developed.

Exposure Limits:

Component Name (CAS)		TWA mg/m ³
Ethylene Glycol	CAS 107-21-1	100
Diethylene Glycol	CAS 111-46-6	10 (*WEEL)

*Workplace Environmental Exposure Levels (WEEL)

Personal protective equipment

Respiratory protection: No requirement anticipated under expected use conditions.

Hand protection: Rubber gloves.

Eye protection: Safety glasses with side-shields.

Skin and body protection: Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.

Hygiene measures

Wash hands and face before breaks and immediately after handling the product.

Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance: Liquid of various colors

Odor: Nil

Odor threshold: Not available

pH-value: Not available

Melting point: Not available

Freezing Point: Not available

Initial boiling point: >250°F, >121°C

Flash point: Does not flash.

Evaporation rate: Not available

Flammability (solid, gas): Not applicable

Explosion limits: Not explosive
 Vapor pressure: (highest partial vapor pressure) at 20°C: Not available
 Vapor density: Not available
 Relative density (water=1.00): 1.1 approx.
 Solubility: Totally soluble in water at 20°C
 Partition coefficient: Log Kow = Not applicable to mixture.
 Auto-ignition temperature: Not available
 Decomposition temperature: Not available
 Viscosity: 15-30 centipoise

10. Stability and reactivity

Chemical stability: No decomposition, if used according to specifications.
 Possibility of hazardous reactions: Hydrogen may be formed by contact with metals listed below.
 Conditions to avoid: No dangerous conditions known.
 Materials to avoid: Avoid concentrated contact with aluminum tin, lead or zinc coated metals.
 Hazardous decomposition products: None are known. Also see Section 5.

11. Toxicological information

Acute Toxicity: No information available for finished product.

Test	Ethylene glycol	Diethylene glycol
Oral Toxicity LD 50 (Rat)	4,4000 mg/kg	12,565 mg/kg
Dermal Toxicity LD 50 (Rabbit)	10,626 mg/kg	11,890 mg/kg
Inhalation Toxicity, Vapor	No data	No data
Eye Irritation (Rabbit)	Mild, 24hr	No irritation
Dermal Irritation (Rabbit)	No data	No irritation

Likely/ possible routes of exposure: Ingestion, skin and eye contact.

Skin: The product is not expected to be toxic by skin absorption.

Oral: The product is not expected to be toxic by ingestion.

Inhalation: The product is not expected to be toxic by inhalation.

H305 May be harmful if swallowed and enters airways

Sensitization: The product is not expected to be sensitizing.

Chronic toxicity: May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.

Carcinogenicity: Not listed by NTP, IARC, OSHA or ACGIH as a suspect or potential carcinogen.

Summary Comments: Product may have a drying effect on the skin; frequent or prolonged contact may cause flaking or cracking of the skin.

12. Ecological information

Persistence and degradability: There is no data on the product.

This product is expected to be inherently biodegradable.

Bio-accumulative potential: There is no evidence to suggest bioaccumulation will occur.

Mobility: Accidental spillage may lead to penetration in the soil and groundwater. However, there is no evidence that this would cause adverse ecological effects.

Ecotoxicity: The product has not been tested.

Toxicity to fish:

Ethylene glycol: LC50 *Oncorhynchus mykiss* (rainbow trout) - 18,500 mg/l - 96 h

LC50 *Leuciscus idus* (Golden orfe) - > 10,000 mg/l - 48 h

Diethylene glycol: LC50 *Pimephales promelas* (fathead minnow) - 75,200 mg/l - 96 h

LC50 *Carassius auratus* (goldfish) - 5,000 mg/l - 24 h

13. Disposal considerations

Product as supplied is not an unlisted hazardous waste.

Dispose in accordance with local, state and federal regulations.

14. Transport information

Domestic transport: Not classified as dangerous goods under transport regulations.
 Sea transport (IMDG): Not classified as dangerous goods under transport regulations.
 Air transport (IATA/CAO): Not classified as dangerous goods under transport regulations.

The description shown may not apply to all shipping situations. Consult 49CFR, OSHA or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name, labeling) and mode-specific or quantity-specific shipping requirements,

15. Regulatory information

Inventory Status:

All components are on TSCA, EINECS/ELINCS, AICS, and DSL.

U.S. Regulations:

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:

SARA (311/312) HAZARD CATEGORIES:

None

SARA 313: This product contains the following SARA 313 Toxic Release Chemicals.

Chemical Name	CAS Number
Ethylene Glycol	CAS 107-21-1

The following product components are cited on the lists below:

Chemical Name	CAS Number	List Citations RTK
Ethylene Glycol	CAS 107-21-1	MA, PA, NJ
Diethylene Glycol	CAS 111-46-6	PA, NJ

California Prop. 65 chemicals: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other information

SDS Preparation date: Revised: June 12, 2015 adding "Warning" Replacing SDS: May 6, 2015

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Immediate	Yes	No	No	No	
Delayed	No	No	XXX	XXX	

HMIS Hazard ratings: Health 1 Fire 0 Instability 0 Other B (Goggles, gloves)

Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4

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