

SAFETY DATA SHEET



TECHNICAL INDUSTRIAL SALES
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SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Disappearing Ink
Product Number: TIS-3131
Date Prepared: March 15, 2016
Responsible Name: Regulatory and Safety Compliance
Relevant uses of this Product: Moisture Meter Indicator Ink

SECTION 2. HAZARDS IDENTIFICATION

OSHA Regulatory Status:

This material is not considered hazardous by OSHA Communication Standard (29 CFR 1910.1200). This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the Substance Or Mixture: Not Classified

Eye Irritant 2 Acute Toxicity 2

GHS Label Elements:

Signal Word: Danger

Pictograms:



SECTION 3. COMPOSITION INFORMATION ON INGREDIENTS

Ingredients:

Sodium Hydroxide CAS# 1310-73-2
Phenolphthalein CAS# 77-09-8

ACUTE:

EYE CONTACT: Direct contact with liquid may cause severe irritation with possible burn to eyes.

SKIN:

Repeated or prolonged skin contact with liquid may cause irritation. May be harmful if absorbed through skin.

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INHALATION: Inhalation of mists or vapors may cause irritation to respiratory system. May be harmful if inhaled.

INGESTION: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Ingestion may cause fever, blood pressure increase and other unspecified vascular effects.

CHRONIC: Phenolphthalein is a possible cancer hazard based on tests with laboratory animals. No TLV has been established for this product as delivered.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None reported.

SECTION 4. FIRST AID MEASURES

Emergency and First Aid Procedures.

EYE CONTACT: Immediately flush with large quantities of clean water for at least 15 minutes, lifting upper and lower eyelids occasionally. Remove any contact lenses at once. Get prompt medical attention..

SKIN CONTACT: Rinse exposed area with clean water for at least 15 minutes. Remove contaminated clothing. Launder contaminated clothing before reuse. Get medical attention if irritation persists.

INGESTION: **DO NOT INDUCE VOMITING.** If conscious, immediately drink two glasses of water. Never give anything orally to an unconscious or convulsing person. Get prompt medical attention.

INHALATION: Remove person to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Get prompt medical attention.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT (PMCC): None

FLAMMABLE LIMITS IN AIR: None

EXTINGUISHING MEDIA: Dry Chemical, carbon dioxide, foam, or water fog.

SPECIAL FIRE FIGHTING PROCEDURES:

Self-contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: CO and/or CO₂.

SECTION 6. SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Use required personal protective equipment when entering spill area. Avoid entering spill area, spilled material may be extremely slippery.

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SMALL SPILL: Release of small amounts to sanitary sewer may occur with inherent normal end use. Use appropriate absorbent material to absorb residual material and transfer absorbed material to containers for disposal.

LARGE SPILL: Stop spill at source using dam, dike or divert techniques to prevent spill from spreading. Salvage any free product for reuse, if possible. Use absorbent to absorb any residual material. Transfer into container for disposal in Class D landfill pending approval. Follow up with water flush.

SECTION 7. HANDLING AND STORAGE

Preferred storage is between 40 and 100 deg. F. Keep Container closed when not in use. Never use pressure to empty. Use with adequate ventilation. Prevent from freezing. If container is to be returned or recycled, make sure container is drip dry. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues, (vapor, liquid, and/or solids) all precautions given in this data sheet should be observed.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION EQUIPMENT

Occupational Exposure Limits:

ACGIH TLV	TLV(C)	STEL	OSHA STEL	PEL
Not Est. (Recommend 5 mg/m ³ as a respirable mist or spray)				



APPROPRIATE ENGINEERING CONTROLS: Emergency eye wash fountains and safety showers should be available in the vicinity of any potential exposure.

RESPIRATORY PROTECTION: None normally required under normal use. If TLV of product or any component is exceeded, used an approved NIOSH/MSHA respirator. Good Hygiene controls should be implemented to control exposures.

VENTILATION: Provide sufficient general and/or local exhaust to maintain exposure below the TLV(s).

PROTECTIVE GLOVES: Use Neoprene or Buna-N rubber gloves.

EYE PROTECTION: Safety goggles recommended.

OTHER PROTECTIVE EQUIPMENT: None normally needed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	>200 deg. F
Vapor Pressure:	Not Available
Vapor Density:	Not Available
Specific Gravity:	1.04
Percent Volatiles:	Approx. 96% by vol. (as water)
Evaporation Rate:	Not determined for product

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Appearance and odor: Red liquid, Essentially odorless.

pH: 11-12

VOC: None

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Product is stable
HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITY: Strong oxidizing agents
CONDITIONS TO AVOID: Excessive Heat

SECTION 11. TOXICOLOGICAL INFORMATION

Substance: Phenolphthalein
RTECS: SM8380000
LD50/LC50: No information found
CAS # 77-09-8

CARCINOGENICITY:

ACGIH: Not listed
California: Carcinogen, initial date 5/15/1998
NTP: Suspected carcinogen
IARC: Group 2B carcinogen

As pH drops from 12 down to less than 7, red color disappears and becomes less toxic.

SECTION 12. ECOLOGICAL INFORMATION

Not determined for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

EPA HAZARDOUS WASTE CODE: NONE

Product must be disposed of properly under Federal and State regulations for industrial wastes. Recommended disposal is incineration or Disposal in a Class D landfill of absorbed wastes pending approval. As delivered, this product when spilled, released or disposed of, is a non-hazardous waste as defined in RCRA regulations 40 CFR Part 261.

SECTION 14. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Disappearing Ink (TIS-3131)
DOT HAZARD CLASS: None
DOT IDENTIFICATION NO. None
DOT PACKING GROUP: None
DOT RQ FOR PRODUCT: NA
DOT MARINE POLLUTANT: NA
EMERGENCY RESPONSE GUIDE NUMBER: None

CANADIAN TDG/WHMIS REGULATIONS:

TDG NAME: Disappearing Ink (TIS-3131)
TDG CLASS: None
PIN NUMBER: None

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SECTION 15. REGULATORY INFORMATION

US Federal:

TSCA:

CAS# 1310-73-2 Sodium Hydroxide and CAS# 77-09-8 Phenolphthalein are listed on the TSCA inventory.

Health and Safety Reporting List:

None of the chemicals are on the Health & Safety Reporting List

Chemical Test Rules:

None of the chemicals in this product are under a Chemical Test Rule

Section 12b:

None of the chemicals in this material are listed under TSCA Section 12b

TSCA Significant New Use Rule:

All Ingredients are listed.

None of the chemicals in this material have a SNUR under TSCA

SARA:

Section 302(RQ):

None

Section 302 (TPQ):

None

SARA 311 CODES:

Acute:

Yes

Section 313:

Sodium Hydroxide

CERCLA:

None of the ingredients is listed.

Clean air Act:

This material does not contain any hazardous air pollutants. This material does not contain any Class 1 or Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances, Priority Pollutants or Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATES:

CAS # 77-09-8 is not present on state lists from PA, MN, MA, FL, or NJ.

CALIFORNIA PROPOSITION 65:

Chemicals known to cause cancer.

This product contains Phenolphthalein 77-09-8, a chemical known to the state of California to cause cancer.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed

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Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Canada:

Canadian Domestic Substances List (DSL);

All ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 1%)

None

EUROPEAN CHEMICAL AGENCY (ECHA):

This product contains Phenolphthalein which is now on the ECHA Candidate List table effective December 19, 2011 as being carcinogenic.

SECTION 16. OTHER INFORMATION

PLEASE NOTE! Use only as directed. Do not mix with other chemicals unless advised by supplier. This information and recommendations contained in this document are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to this information.

Updated: August 2, 2016