

SAFETY DATA SHEET



Date Issued : 05/02/2016
SDS No : SP-530
Date Revised : 11/04/2019
Revision No : 2

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: Ink Stimulator
PRODUCT CODE: SP-530

MANUFACTURER

Nova Pressroom Products
1663 North McDuff Avenue
Jacksonville, FL 32254

Alternate Contact: (866) 443-5811

Customer Service: (904) 292-2554

Transportation: (800) 424-9300

Fax: 904) 389-6999

E-Mail: info@novapressroom.com

24 HR. EMERGENCY TELEPHONE NUMBERS

Chemtrec (US and Canada) : (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Sensitization, Category 1
Respiratory Sensitization, Category 1B
Carcinogenicity, Category 1B
Reproductive Toxicity, Category 1B
Germ Cell Mutagenicity, Category 2
Target Organ Toxicity (Repeated exposure), Category 2

Environmental:

Acute Hazards to the Aquatic Environment, Category 2
Chronic Hazards to the Aquatic Environment, Category 2

GHS LABEL



Exclamation
mark



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H317: May cause an allergic skin reaction.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H341: Suspected of causing genetic defects.
H360: May damage fertility or the unborn child.
H350: May cause cancer
H373: May cause damage to organs through prolonged or repeated exposure.
H411: Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

Prevention:

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P261: Avoid breathing dust, vapours or spray.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P284: [In case of inadequate ventilation] wear respiratory protection.
P260: Do not breathe fumes, vapors, or sprays.

Response:

P302+P352: IF ON SKIN: Wash with plenty of water.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P391: Collect spillage.
P314: Get medical advice/attention if you feel unwell.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313: IF exposed or concerned: Get medical advice/ attention.
P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
P321: Specific treatment (See First Aid Section on this label).

Storage:

P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with local regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Rose liquid with no odor.

MEDICAL CONDITIONS AGGRAVATED: Significant chronic exposure may aggravate existing eye, skin, auditory (hearing), respiratory system, liver, kidney, and CNS conditions.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Cobalt Diacetate	1 - 5	71-48-7
Manganese Sulfate Monohydrate	1 - 5	10034-96-5

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. If irritation persists, seek medical attention.

SKIN: Wash skin with soap and water. If irritation develops or persists, seek medical attention.

INGESTION: Seek immediate medical advice. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove person to fresh air. If breathing becomes difficult, seek medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None

EXTINGUISHING MEDIA: Foam, dry chemical; use water spray to cool exposed surfaces. Evacuate area and fight fire from a safe distance if fire is contained in a small area; otherwise, call the local fire department. Fire media runoff may damage the environment. Dike and collect media used to fight fire.

OTHER CONSIDERATIONS: Vapors are heavier than air and may accumulate in low or inadequately ventilated areas. Vapors may travel along the ground to be ignited at locations distant from the handling site. Flashback or flame to the handling site may occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Fire may produce hazardous fumes.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wear protective gloves and eye protection, and stop the source of the leak or spill if possible. Isolate area of spill with dike, and/or add dry absorbent to prevent runoff from entering storm sewers and ditches which lead to waterways. Clean up

and place in an appropriate container for disposal. Wash all contaminated clothing before use.

LARGE SPILL: Follow OSHA emergency response regulations and NIOSH recommendations. If possible, stop source of spill or release. Isolate the area of spill or release with dike to prevent runoff from entering storm sewers and ditches which lead to waterways. Clean up and place in an appropriate container for disposal. Wash all contaminated clothing before use.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes, skin, or clothing. Avoid breathing mist or vapor. Do not swallow. Wash hands thoroughly after handling. Do not eat, drink, or smoke in work areas. Use only with adequate ventilation.

STORAGE: Store in a cool, dry, well-ventilated area. Keep container closed when not in use. Containers of this material may be hazardous when emptied. Because emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet must be observed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Good, general ventilation should be sufficient for most operations. Ten or more room air changes per hour containing a minimum of 15% fresh air is recommended.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses.

SKIN: Gloves impervious to the hazardous ingredients.

RESPIRATORY: If used under normal operating conditions and with adequate ventilation, respiratory equipment is not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: None

ODOR THRESHOLD: Not Established

APPEARANCE: Clear

COLOR: Rose

pH: 4.8

FLASH POINT AND METHOD: > (200°F) CC

FLAMMABLE LIMITS: Not Established

AUTOIGNITION TEMPERATURE: Not Established

VAPOR PRESSURE: Not Established

VAPOR DENSITY: Not Established

BOILING POINT: (212°F) to (369°F)

FREEZING POINT: Not Established

THERMAL DECOMPOSITION: Not Established

SOLUBILITY IN WATER: 100 %

PARTITION COEFFICIENT: N-OCTANOL/WATER: Not Established

EVAPORATION RATE: Not Established

DENSITY: Not Available

SPECIFIC GRAVITY: 1.054 at (60°F)

Notes: Water = 1.00

VISCOSITY: Not Established

(VOC): 0.05 lbs/gal USEPA Method 24

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: No

STABILITY: Chemically stable

CONDITIONS TO AVOID: High temperatures, localized heat sources (i.e.: drum or band heaters), oxidizing conditions, freezing conditions, direct sunlight, ultraviolet radiation, inert gas blanketing, strong oxidizers, strong reducers, free radical initiators, inert

gases, oxygen scavengers.

HAZARDOUS DECOMPOSITION PRODUCTS: Includes, but not limited to smoke, fumes, oxides of nitrogen, and oxides of carbon.

INCOMPATIBLE MATERIALS: Strong oxidizers, acids, and/or bases.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

ORAL LD₅₀: Not Established

RESPIRATORY OR SKIN SENSITISATION: Yes

GERM CELL MUTAGENICITY: Suspected of causing genetic defects

CARCINOGENICITY

IARC: Cobalt (II) Salts, Group 2B

NTP: None

OSHA: None

REPRODUCTIVE TOXICITY: Cobalt diacetate may damage fertility or the unborn child.

STOT-REPEATED EXPOSURE: Manganese sulfate may cause damage to organs through prolonged or repeated exposure.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not Available

BIOACCUMULATION/ACCUMULATION: Not Available

CHEMICAL FATE INFORMATION: Not Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose materials associated with cleaning spills and/or leaks according to federal, state, and local regulations. If product is contaminated with other printing process products, consult appropriate federal, state, and local regulations to determine proper characterization of resultant mixture.

RCRA/EPA WASTE INFORMATION: Not Available

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated

AIR (ICAO/IATA)

SHIPPING NAME: Not Regulated

VESSEL (IMO/IMDG)

SHIPPING NAME: Not Regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: This product does not contain any ingredients subject to the reporting requirements of SARA Title III Section 313 at or above reporting thresholds, unless listed below.

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt. %	CAS
Cobalt Diacetate	1 - 5	71-48-7
Manganese Sulfate Monohydrate	1 - 5	10034-96-5

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All components of this product are registered on the TSCA inventory.

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Class D2B Toxic Material
DOMESTIC SUBSTANCE LIST (INVENTORY): All components of this product are registered on the DSL inventory.

16. OTHER INFORMATION

APPROVED BY: HRB **TITLE:** VP Technical Services

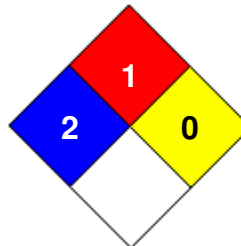
PREPARED BY: RAD - EHS Manager **Date Revised:** 11/04/2019

REVISION SUMMARY: This SDS replaces the 07/11/2019 SDS. Revised: **Section 9:** DENSITY. **Section 11:** ACUTE - INHALATION LC₅₀ IARC, NTP, OSHA, GERM CELL MUTAGENICITY, REPRODUCTIVE TOXICITY, , STOT-REPEATED EXPOSURE. **Section 13:** RCRA/EPA WASTE INFORMATION. **Section 16:** HMIS RATING (CHRONIC), NFPA CODES - HEALTH.

HMIS RATING

HEALTH	*	2
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

NFPA CODES



MANUFACTURER DISCLAIMER:

The specific chemical identities of some ingredients in this mixture are considered proprietary information and trade secrets. As such they are withheld in accordance with CFR 1910.1200(i) of Title 29.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. Some information may be based on indirect test data.