

**SAFETY DATA SHEET**

Comply with OSHA Hazard Communication Standard, 29 CFR 1910.1200  
GHS SDS

**SECTION 1 – IDENTIFICATION**

1/1/17

**Product Trade Name: KP4**

**Product use: Printing plate image deletion pen**

Manufacturer’s Name and Address:

**Burnishine Products  
25392 West Park Court  
Lake Villa, IL 60046  
847-356-2553**

Emergency Telephone Numbers:

**Contact Reg. Poison Control  
or 1.800.535.5053  
International: 1.352.323.3500**

**SECTION 2 – Hazardous Ingredients/Identity Information**

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
Specific Chemical Identity: CAS Number 67-64-1/7664-39-3				Recommended

Specific percentage withheld due to trade secret protection according to HCS.29.CFR.910.1200, section (i)(1)(ii) and GHS 4.11

GHS Label Elements

Signal Word: Warning



<b>HMIS</b>
Health -2 Fire -2 React -0

**GHS CLASSIFICATION: HEALTH**

Eye Corrosion	Category 1	Skin Corrosion	Category 2
Sensitization-Skin	Category 1	Mutagenicity	NE
Reproductive/Developmental	NE	Carcinogenicity	ND
		Target Organ Toxicity (Repeated)	NE

**Hazard Statements:**

H200s = Physical H300s = Health H400s = Environmental

- H226 Flammable Liquid and Vapor
- H302 Harmful if swallowed
- H315 Causes skin irritation
- H319 Causes serious eye irritation
- H333 May be harmful if inhaled
- H335 May cause respiratory irritation

**Precautionary Statements:**

P200s = Prevention P300s = Response P400s = Storage P500s = Disposal

- P210 Keep away from heat/sparks/open flames/hot surfaces-No Smoking
- P242 Use only non-sparking tools
- P261 Avoid breathing fumes/mists/ vapors/ or spray

- P264 Wash hands thoroughly after handling
- P271 Use only in a well ventilated area
- P280 Wear protective gloves/clothing/and eye/face protection
- P301+312 If swallowed: call a poison center or doctor/physician if you feel unwell/rinse mouth with plenty of water
- P303+361+353 If on skin(or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower
- P302+352 If on skin: wash with plenty of soap and water
- P332+313 If skin irritation occurs: get medical advice/attention
- P362 Take off contaminated clothing and wash before reuse
- P305+351+338 If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+313 If eye irritation persists: get medical advice/attention
- P304+340 If inhaled: if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P304+312 If inhaled: call a poison center or doctor/physician if you feel unwell
- P370+378 In case of fire use water spray/dry chemical/carbon dioxide/alcohol foam
- P403+233 Store in a well-ventilated place. Keep container tightly closed
- P403+235 Store in well-ventilated place/keep cool
- P501 Dispose of contents/containers according to local regulations

**ENVIRONMENTAL**  
Rapid degradability

**PHYSICAL**  
Non-flammable

**HMIS Rating: Protective Equipment B + G** (Safety glasses, gloves, and respiratory gear/vapors)

### HAZARD STATEMENTS

Contact can cause irritation/burns/damage to skin and eyes. Harmful if swallowed. Harmful if inhaled, may cause dizziness and drowsiness.

### PRECAUTIONARY STATEMENTS

Do not eat, drink, or smoke during use of product. Avoid contact with skin or eyes. Do not breathe/inhale vapors. Use in well-ventilated area. Wear protective equipment for skin, eyes, and respiratory system. Keep cap tightly closed and store in cool, ventilated area. Do not store on body. Wash hands thoroughly following use.

## SECTION 3 –COMPOSITION

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Component	CAS-Number	Weight %
Dual	67-64-1/7664-39-3	HCS.29.CFR.910.1200/GHS 4.11

## SECTION 4-First Aid Measures

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***Inhalation:*** Harmful if inhaled. Nasal irritation, dizziness, drowsiness. Recap pen, seek fresh air. Administer oxygen if needed/seek medical attention.

***Ingestion:*** Harmful if swallowed. Do not induce vomiting. Seek *immediate* medical attention.

***Eyes:*** Contact can cause irritation/burns/damage. Rinse for a minimum of 15 minutes with *water* only. Seek *immediate* medical attention.

***Skin:*** Immediate irritation/itching. Remove contaminated protective gear quickly. Rinse skin with water or water and baking soda. If irritation persists seek medical attention

**SECTION 5 –Fire Fighting Measures**

Flash point: NA Flammable Limits: LEL: N/A UEL: N/A  
 Extinguishing Media: Dry chemical foam, water spray, carbon dioxide.  
 Fire Fighting Procedures: Use breathing apparatus, wear protective clothing.  
 Unusual fire/Explosion hazards: N/A

NFPA
Health – 2 Fire – 2 React – 0
Combustible

**SECTION 6 –Accidental Release Methods**

*Product is self-contained, wrapped interior reservoir in capped pen delivery format.*  
**\*\*Large spills\*\*** Wear appropriate respirator and other protective clothing. Close source of leak if safe to do so. Absorb unrecoverable product with absorbent medium and place in sealed container for proper disposal.

**SECTION 7-Handling and Storage**

Wash hands thoroughly after handling, avoid contact with skin or eyes. Avoid breathing mist/vapors or fumes, use/store in well-ventilated area. Do not maintain on person. Keep caps securely closed when not in use. Store in dry, cool area. Avoid freezing or overheating. Keep away from children.

**SECTION 8-Exposure Control Measures/Personal Protection**

*Product is self-contained, wrapped interior reservoir in capped pen delivery format.*  
 Engineering controls: Local exhaust-not usually needed. Special-none Use in well-ventilated area. Mechanical (General) Yes Other none  
 Personal Protective Equipment (PPE): Protective gloves – chemical resistant gloves if possible skin contact. Eye protection: Use safety goggles or glasses as appropriate. Be sure eyewash capability is at work area. Respiratory Protection: Avoid prolonged or repeated breathing of vapors/fumes. Use for intended purpose per product directions. General: Availability of clean water in work area suggested for flushing eyes/skin if needed.

**SECTION 9-Physical and Chemical Properties**

*Following data is applicable to raw material in bulk amounts only.*  
 Boiling Point: 84.25C Specific Gravity (H2O=1): 0.4204  
 Vapor Pressure (mmHg.): 82 Melting Point: -59.616 Evaporation Rate: 5.76  
 Vapor Density (Air=1): N/A Percent Volatile: N/A Solubility in water: Miscible  
 Appearance/Odor: Colorless liquid, odor-sharp  
 VOC’S: None SARA: None

**SECTION 10-Stability/Reactivity**

Stability: Stable  
 Conditions to avoid: Excessive heat/cold  
 Incompatibility: N/D Hazardous Polymerization: N/D

**SECTION 11-Toxicological Information**

Please refer to sections 2, 4.

**SECTION 12-Ecological Information**

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No specific ecological data determined. Please refer to section 6 for accidental spill data.

**SECTION 13-Disposal Considerations**

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Dispose of in accordance with any/all applicable federal, state, and local regulations. Refer to current EPA or local governing ordinances for proper disposal.

**SECTION 14-Transport Information**

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Proper shipping name: Ink/markers/deletion pens

Not DOT regulated. Product is labeled and governed in accordance with DOT U.S.49CFR, DOT exception 173.4.

**SECTION 15-Regulatory Information**

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<u>Ingredient</u>	<u>TSCA</u>	<u>SARA311/312</u>	<u>SARA 313</u>	<u>Clean Air</u>	<u>Clean Water</u>	<u>CAL Prop. 65</u>
Acetone	Y	Y	Y	N	N	N
HF	N	N	N	N	N	N
Formic A	N	N	N	N	N	N

CANADIAN WHMIS: Not WHMIS controlled (pens)

STATE REGULATIONS: CAL PROP 65: This product is not known to contain any material listed under California's Proposition 65.

**SECTION 16-Other Information**

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The use of this product including storage, handling, and disposal is beyond the control of the manufacturer and distributor, therefore, no guarantee, expressed or implied is made regarding effects of such or the results to be obtained if not used according to directions. Information contained is accurate to the best of our knowledge. It is the responsibility of the user to determine the suitability and completeness of same. For this reason the manufacturer and distributor do not assume liability beyond replacement of product at cost if defective and will in no way be responsible for improper use of this product including to but not limited to incidental or consequential damages for injury to person or property. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

KP4 DELETION PEN