

Safety data sheet

Screen Ink Discharge Additive



Revision date :8/24/2015
Version: 1.1

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(30046580/MDS_TEX_US/EN)

1. Substance/preparation and company identification

Company
Rupert, Gibbon, &Spider
1147 Healdsburg Avenue
Healdsburg CA 95448
707-433-9577
service@jacquardproducts.com

Emergency Response Information
Poison Control 800-222-1222

Chemical family: sulfinic acid derivative, in water

2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
	>= 1.0 - <= 5.0 %	Proprietary additive
7732-18-5	>= 60.0 - <= 65.0 %	water
7757-82-6	>= 1.0 - <= 2.0 %	Sodium sulfate
7757-83-7	>= 1.0 - <= 2.0 %	sodium sulphite
	>= 30.0 - <= 35.0 %	PMN90-0606

3. Hazard identification

Emergency overview

CAUTION: NO PARTICULAR HAZARDS KNOWN.

Use with local exhaust ventilation.

Wear protective clothing.

Wear full face shield if splashing hazard exists.

Potential health effects

Primary routes of exposure

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

4. First-aid measures

General advice:

Remove contaminated clothing.

If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

If on skin:

Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

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If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

5. Fire-fighting measures

Flash point: > 100 °C (DIN 51758)
Autoignition: > 200 °C (DIN 51794)

Suitable extinguishing media:

water, dry extinguishing media, foam, carbon dioxide

Hazards during fire-fighting:

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Personal precautions:

Use personal protective clothing.

Environmental precautions:

This product is not regulated by RCRA. This product is not regulated by CERCLA ('Superfund').

Cleanup:

Place absorbed material in the same container as the spilled substance/product for disposal.

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product.

Further information:

High risk of slipping due to leakage/spillage of product.

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7. Handling and storage

Handling

General advice:

No special measures necessary provided product is used correctly.

Protection against fire and explosion:

Take precautionary measures against static discharges.

Storage

General advice:

Keep container tightly closed and dry; store in a cool place.

8. Exposure controls and personal protection

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Wear safety goggles (chemical goggles) if there is potential for airborne dust exposures.

General safety and hygiene measures:

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Form:	liquid	
Odour:	product specific	
Colour:	colourless to yellowish	
pH value:	10 - 11	(20 °C) (measured with the undiluted substance)
solidification temperature:	5 °C	
boiling temperature:	104 °C	
Density:	1.3 - 1.425 g/cm ³	(20 °C)
Miscibility with water:		(20 °C) completely (e.g. >=90%)

10. Stability and reactivity

Conditions to avoid:

No conditions known that should be avoided.

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Substances to avoid:
acids, oxidizing agent

Hazardous reactions:
No hazardous reactions when stored and handled according to instructions.

Decomposition products:
Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Corrosion to metals:
No corrosive effect on metal.

11. Toxicological information

Acute toxicity

Oral:
LD50/rat: > 2,000 mg/kg

Skin irritation:
rabbit: non-irritant (BASF-Test)

Eye irritation :
rabbit: non-irritant (BASF-Test)

Chronic toxicity

Other information:
The statement was derived from products of similar composition.

12. Ecological information

Environmental fate and transport

Biodegradation:
Test method: OECD 302B; ISO 9888; 88/302/EEC, part C
Method of analysis: DOC reduction
Degree of elimination: 30 - 40 %
Evaluation: Moderately/partially eliminated from water.

Chemical oxygen demand (COD):
215 mg/g

Absorbable organically-bound halogen (AOX):

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This product contains no organically-bound halogen.

Environmental toxicity

Toxicity to microorganisms:

OECD Guideline 209 EC20: > 1,000 mg/l

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Other ecotoxicological advice:

Do not release untreated into natural waters. The product has not been tested. The statement has been derived from products of a similar structure and composition.

13. Disposal considerations

Waste disposal of substance:

Must be dumped or incinerated in accordance with local regulations.

Container disposal:

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

RCRA: NONE

14. Transport information

Reference Bill of Lading

15. Regulatory information

Federal Regulations

Registration status:

TSCA, US released / listed

OSHA hazard category:

No data available.

16. Other information

HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 0

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HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

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