MISDISTATED 1827 FOOD OR OF THE SERVET OF THE to ISO/DIS

1 Identification of the substance/mixture and of the company/undertaking

- Trade name: 70-44-0 Pink
- Relevant identified uses of the substance or mixture and uses advised against Currently no such applications are identified
- Application of the substance / the preparation water based fibrepen ink
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:

SHANGHAI DOKUMENTAL INK Co. Ltd. No. 38 Lane 451 Mao Jia Road Luodian Town, Baoshan District Shanghai 201908, P.R. China Tel.: 86-21-66864551 / 66864542

Information department:

Ms. Cindy Song

Email: cindy.song@dokumental.cn

Emergency telephone number:

Mr. Bruce Gindelburger Tel.: mobile +86-13917914495

bruce.gindelberger@dokumental.cn 24-hour-Emergency- Telephone-Number (GBK Contract ID: 94050): (001) 352 323 3500

2 Composition/information on ingredients

- Chemical characterization: Mixtures
- Mixture of the following substances, containing non-hazardous substances and colouring agents.
- Description: Mixture of the substances listed below with nonhazardous additions.
- Dangerous components: Void
- Additional information: For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

- · Classification of the substance or mixture
- · Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.
- Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

· Labelling according to EU guidelines: Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations according to directives on hazardous materials.

- Classification system:
- · NFPA ratings (scale 0 4)



Health = 0Fire = 1Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = 0Fire = Reactivity = 0

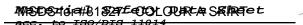
4 First aid measures

- $\textbf{\textit{General information:}} \ \textit{No special measures required.}$
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.

USA

(Contd. on page 2)



Trade name: 70-44-0 Pink

(Contd. of page 1)

5 Firefighting measures

- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture No further relevant information available.
- Protective equipment: No special measures required.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Wear protective clothing.
- Environmental precautions:
- Dilute with plenty of water.
- Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:
- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- Reference to other sections
- No dangerous substances are released.
- See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

7 Handling and storage

- Handling:
- Precautions for safe handling
- No special measures required.
- Ensure good ventilation/exhaustion at the workplace
- Information about protection against explosions and fires: No special measures required.
- Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: None.
- Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- · Additional information about design of technical systems: No further data; see item 7.
- Components with limit values that require monitoring at the workplace:

57-55-6 propane-1,2-diol (10-25%)

WEEL 10 mg/m³

- Additional information: The lists that were valid during the creation were used as basis.
- Personal protective equipment:
- General protective and hygienic measures:
- The usual precautionary measures for handling chemicals should be followed. Breathing equipment: Not required.
- Protection of hands:
- The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

 Selection of the glove material on consideration of the penetration times, rates of diffusion and
- the degradation
- Material of gloves
 - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- Penetration time of glove material
- The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- · Eye protection: Goggles recommended during refilling.

9 Physical and chemical properties

- General Information
- Appearance: Form: Color

Odor:

Fluid

Product specific

(Contd. on page 3)



MISDISTATED 1827 FOOD OR OF THE SERVET OF THE to ISO/DIS 11014

Trade name: 70-44-0 Pink

(Contd. of page 2) · Odour threshold: Not determined. Important information on protection of health and environment, and on safety. · pH-value: Not determined. Change in condition Melting point/Melting range: Undetermined Boiling point/Boiling range: 100°C (212 °F) · Flash point: 101°C (214 °F) · Flammability (solid, gaseous): Not applicable. 371°C (700 °F) Ignition temperature Decomposition temperature: Auto igniting: Product is not selfigniting. · Danger of explosion: Product does not present an explosion hazard. · Explosion limits: 2.6 Vol % Upper: 12.6 Vol % · Vapor pressure at 20°C (68 °F): 23 hPa (17 mm Hg) Not determined Density: Relative density Not determined. Vapour density Not determined. Evaporation rate Not determined. Solubility in / Miscibility with Fully miscible. · Segregation coefficient (n-octonol/water): Not determined. Viscosity: Not determined. Kinematic: Not determined. · Solvent content: Organic solvents: 13.0 % Water: 31.4 % Solids content: 4 %

No further relevant information available.

10 Stability and reactivity

Other information

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Acute toxicity:
- Primary irritant effect:
 on the skin: No irritant effect.
- on the eye: No irritating effect
- Sensitization: No sensitizing effects known.

Additional toxicological information:
The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

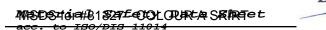
12 Ecological information

- Acquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- Behavior in environmental systems:
- Bioaccumulative potential No further relevant information available.
- Additional ecological information:
- General notes:

Water hazard class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

(Contd. on page 4)



Trade name: 70-44-0 Pink

Danger to drinking water if even extremely small quantities leak into the ground.

(Contd. of page 3)

13 Disposal considerations

- Waste treatment methods
- Recommendation: Smaller quantities can be disposed of with household waste.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

- DOT regulations:
- · Hazard class:
- · Land transport ADR/RID (cross-border):
- ADR/RID class:
- Maritime transport IMDG:
- IMDG Class:
- Marine pollutant: No
- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class:
- Packaging group:

15 Regulatory information

- · Sara
- Section 355 (extremely hazardous substances):
 - None of the ingredient is listed.
 - · Section 313 (Specific toxic chemical listings):
 - None of the ingredients is listed.
 - · TSCA (Toxic Substances Control Act):
- All ingredients are listed.
- Proposition 65
- · Chemicals known to cause cancer:
 - None of the ingredients is listed.
- Chemicals known to cause reproductive toxicity for females:
 - None of the ingredients is listed.
- 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.
- · Cancerogenity categories
- EPA (Environmental Protection Agency)
- None of the ingredients is listed.
- IARC (International Agency for Research on Cancer)
- None of the ingredients is listed.
- NTP (National Toxicology Program)
 - None of the ingredients is listed.
- TLV (Threshold Limit Value established by ACGIH)
 - 67-63-0 propan-2-ol

A4

- MAK (German Maximum Workplace Concentration)
- None of the ingredients is listed.
- NIOSH-Ca (National Institute for Occupational Safety and Health)
- None of the ingredients is listed.
- OSHA-Ca (Occupational Safety & Health Administration)
- None of the ingredients is listed.
- Product related hazard informations:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

(Contd. on page 5)

Item Numbers: 81327-1001



MISDISTIGNATIB1 SZALECTOL CRURCH SKIRATE t to ISO/DIS 11014

Trade name: 70-44-0 Pink

(Contd. of page 4)

- · National regulations:
- · Technical instructions (air):

Class	Share in %
NK	10-25

 $\hbox{\bf `Water hazard class: Water hazard class 3 (Self-assessment): extremely hazardous for water. } \\$

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

 \cdot * Data compared to the previous version altered.

Page 5 of 5 Item Numbers: 81327-1001