

CHEMIPRINT

EC safety data sheet

Safety data sheet in accordance with
Regulation (EC) No. 1907/2006

Date 01.01.16

Product **MYPRINT INKS RANGE**

Revised

Code no. ---

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1. Identification of the product and company

Trade name MYPRINT INKS RANGE

Intended uses Printing ink

Producer **CHEMIPRINT**, North industrial zone Beit-Shemesh, Israel

Telephone no. Tel: 972-2-9901888 Fax: 972-2-9901899

Emergency telephone number: 972 – 2-9901888

2. Hazards identification



Xi irritant

Information pertaining to particular dangers for man and environment

R 36/38: slightly irritating to skin and eyes.

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information by supplier companies

3. Composition

Chemical characterization

Aqueous dispersion of acrylic copolymers, anionic and nonionic surfactants, glycols, polyethylene wax, inorganic fillers, pH buffers, antifoams and a blend of pigments which may contain organic pigments or carbon black or Titanium dioxide or blends.

Hazardous ingredients	C.A.S.	%	Hazard	R phrases
Surfactants	-	1-5	Xi	36/38
1,2-Ethanediol	107-21-1	<2.0	Xn	22
2-Aminoethanol	141-43-5	<1.0	C	34
Ammonia	1336-21-6	<0.5	C,N	34/50

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4. First aid measures

Remove contaminated clothing immediately and dispose of safely.

Remove the casualty into fresh air and keep him calm consult doctor in case of symptoms.

In case of contact with skin wash off immediately with soap and plenty of water.

In case of contact with eyes rinse thoroughly with plenty of water, if symptoms persist seek medical advice.

Rinse out mouth and then drink plenty of water.
In case of persistant symptoms call for medical help.

5. Fire - fighting measures

water spray jet
foam
carbon dioxide
dry powder

During fire may evolve hazardus gasses: NOx, SOy, CO,
In fire fighting use a self-contained breathing apparatus.

6. Accidental release measures

Measures for envioronmental protection

Pay attention to local regulations.
Do not allow to enter the ground, water or sewage system.

Methods for cleaning up/taking up

Pick up mechanically. Dilute remaining rest with water and pick up with absorbent material (sawdust, sand, universal binder)
When picked up, treat material as prescribed under heading "Disposal".

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7. Handling and storage

Handling

Information for safe handling:
keep containers tightly sealed.
Use only with adequate ventilation.

Advice on protection against fire and explosion

Keep away from sources of ignition - avoid smoking.

Storage

Requirements to be met by store rooms and containers:
No special measures necessary, provided product is used correctly.
Protect from frost.

Further information on storage conditions

Store in sheltered and protected warehouse.
Keep container tightly closed in a cool place with adequate ventilation.
Keep out of reach of children.

8. Exposure control /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.

1. Ammonia: c.a.s 1336-21-6,
25 ppm (TWA), 35 ppm (STEL)
2. 2-Aminoethanol: c.a.s. 141-43-5
3 ppm (TWA), 6 ppm (STEL)
3. Ethanediol: c.a.s. 107-21-1
US (ACGIH): 100 mg/m³ aerosol

Hygiene measures

Keep away from foodstuffs and beverages.
Do not eat, drink or smoke during work time.
Remove soiled or soaked clothing immediately.
Clean skin thoroughly after work.

Personal protective equipment:

Respiratory protection - Respiratory protection in case of vapour/aerosols release.

Hand protection - Rubber gloves

Eye protection - Tightly sealed safety glasses.

Body protection - Protective work clothing

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9. Physical and chemical properties

- Appearance - Slightly viscous liquid
- Colour - According to the specific pigments in the formulation.
- Odour - Characteristic
- Solubility in water (20°C) - Dispersible in water at any ratio
- pH value (20°C) - 8.0 – 9.0 (at 100 g/l)
- Viscosity - < 1000 mpas
- Melting point - N.A.
- Boiling point - ab. 102°C
- Flash point - > 100°C
- Danger of explosion - Product is not explosive
- Ignition temperature - > 200°C

10. Stability and reactivity

- No decomposition if used according to specifications.
- May react with strong alkalis and evolve ammonia and mono-ethanolamine.
- At elevated temperatures may evolve fumes of ethyleneglycol, mono-ethanolamine and ammonia.
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11. Toxicological information

> 2000 mg / kg

Slightly irritant

Slightly irritant

N.D.A.

12. Ecological information

The pigments included in the product are not soluble in water and can thus be removed from water mechanically in a suitable effluent treatment plant.
The acrylic copolymers in the product are readily eliminated from water by absorption onto activated sludge.
The surfactants and glycols included in the product are fully bio-degradable.

LC 50 >10 mg/l – 96h(OECD 203).

EC 50 >10 mg/l 48h(OECD 202)

COD – Ca. 500 - 1000 mg O₂/g

Product may contain organic bound halogen (Cl) which could lead to AOX values in waste water (< 5%).

Product may contains Copper (Cu) / Iron (Fe) / Titanium dioxide or no heavy metal at all.
The heavy metals (Cu, Fe) which may be included in the product are present in a complex bound form as a substantial part of the constituent of the colourant.

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13. Disposal considerations

In accordance with current regulations may be taken to waste disposal site after consultation with site operator and/or with the responsible authority.

Packaging that cannot be cleaned should be disposed of as product waste.

14. Transport information

- No classified as hazardous under transport regulations.

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15. Regulatory information (Labelling in accordance with EC hazard warning labelling)

R phrases

36/38 – irritation to skin and eyes.

S phrases

- 26 - in case of contact with eyes, rinse immediately plenty of water and seek medical advice.
28 - after contact with skin, wash immediately with plenty of water.
37/39 - wear suitable gloves and eye/face protection.
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16. Other information

This information is based on our present state of knowledge. It should not therefore be considered as guarantee. Specific properties of the products are described according to their suitability for a particular application.

N.A. - Not applicable

N.D.A - No data available