

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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2220928 Imagelink Brown Toner

Revision 0
Revision date 2016-10-19

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

1.1. Product identifier

Product name	2220928 Imagelink Brown Toner
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Company	Eastman Park Micrographics
Address	6300 Cedar Springs Road Dallas, TX 75235
Web Page	www.epminc.com
Phone Number	+1 866 934 4376
Fax	+1-585-486-1902

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	C; R34 N; R50 R31 Symbols: C: Corrosive. N: Dangerous for the environment.
Main hazards	Contact with acids liberates toxic gas. Causes burns. Very toxic to aquatic organisms.
2.1.2. Classification - EC 1272/2008	Skin Corr. 1A: H314; Aquatic Acute 1: H400;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Aquatic Acute 1: H400 - Very toxic to aquatic life.
Precautionary Statement: Prevention	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor/ . P321 - Specific treatment (see on this label). P363 - Wash contaminated clothing before reuse. P391 - Collect spillage.

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2.2. Label elements

Precautionary Statement: Storage	P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to hazardous or special waste collection point.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
DI Water		7732-18-5			70 - 75%		
Potassium polysulphides	016-007-00-7	37199-66-9	253-390-1		25 - 30%	R31 C; R34 N; R50	
Sodium carbonate	011-005-00-2	497-19-8	207-838-8		5 - 10%	Xi; R36	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
DI Water		7732-18-5			70 - 75%		
Potassium polysulphides	016-007-00-7	37199-66-9	253-390-1		20 - 25%	Skin Corr. 1B: H314; Aquatic Acute 1: H400;	
Sodium carbonate	011-005-00-2	497-19-8	207-838-8		5 - 10%	Eye Irrit. 2: H319;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Causes burns. Causes severe inflammation and may damage the cornea. Seek medical attention. Irritating to eyes.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Not applicable. This product is not flammable.
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5.2. Special hazards arising from the substance or mixture

	Corrosive. Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Protective equipment. Wear suitable respiratory equipment when necessary. In case of fire and/or explosion do not breathe fumes.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a dry, well ventilated area. Keep containers tightly closed.

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****8.2.1. Appropriate engineering controls**

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear chemical protective clothing.

Eye / face protection

Approved safety goggles.

Skin protection - Handprotection

Chemical resistant gloves (PVC).

Respiratory protection

Wear: Self-contained breathing apparatus.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	Liquid
Colour	Amber
Odour	Unpleasant
Odour threshold	Not determined
pH	11.6
Melting point	Not relevant
Initial boiling point	100
Flash point	Not applicable.
Evaporation rate	Not relevant
Upper Explosive Limit	Not applicable.
Lower Explosive Limit	Not applicable.
Vapour pressure	24
Vapour density	Not determined
Partition coefficient (n-octanol/water)	Not relevant
Viscosity	Not determined
Solubility	Soluble in water

9.2. Other information

Specific gravity	1.24
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SECTION 10: Stability and reactivity**10.1. Reactivity**

No dangerous reaction known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known.

10.4. Conditions to avoid

See "Fire Fighting Measures".

10.5. Incompatible materials

No relevant information available.

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10.6. Hazardous decomposition products

No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation

May cause irritation to skin. Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

Repeated or prolonged exposure

May cause allergic reactions in susceptible people. May cause severe irritation to eyes and skin.

SECTION 12: Ecological information

12.1. Toxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

Not applicable.

12.6. Other adverse effects

No other relevant information available.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

Disposal methods

Do not empty into drains; dispose of this material and its container in a safe way. Do NOT mix with any other product. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN3266

14.2. UN proper shipping name

CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.

14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8

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14.3. Transport hazard class(es)

Subsidiary risk	-
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14.4. Packing group

Packing group	II
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14.5. Environmental hazards

Environmental hazards	No
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Marine pollutant	No
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14.6. Special precautions for user

	See "Exposure Controls / Personal Protection."
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ADR/RID

Hazard ID	80
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Tunnel Category	(E)
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IMDG

EmS Code	F-A S-B
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IATA

Packing Instruction (Cargo)	855
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Maximum quantity	30 L
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Packing Instruction (Passenger)	851
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Maximum quantity	1 L
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SECTION 15: Regulatory information

Further information

	Information contained in the MSDS is to our best present knowledge correct and complete and is given in good faith but without warranty.
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SECTION 16: Other information

Other information

Text of risk phrases in Section 3	R31 - Contact with acids liberates toxic gas. R34 - Causes burns. R36 - Irritating to eyes. R50 - Very toxic to aquatic organisms.
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Text of Hazard Statements in Section 3	EUH031 - Contact with acids liberates toxic gas. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Aquatic Acute 1: H400 - Very toxic to aquatic life. Eye Irrit. 2: H319 - Causes serious eye irritation.
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Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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