

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

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

### 1.1 Product identifier

**Product name:** IMAGELINK ECOPOS 305 DEV      **Product No.:** 000001016053

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Identified uses:** Photographic developer concentrate

**Uses advised against:** Reserved for industrial and professional use.

### 1.3 Details of the supplier of the safety data sheet

#### Manufacturer

Eastman Park Micrographics  
6300 Cedar Springs Rd  
Dallas, Texas 75235  
USA

**Telephone:** 585-781-4551

**Contact Person:** Robert Breslawski

**E-mail:** Robert.breslawski@epminc.com

#### Supplier

Eastman Park Micrographics  
6300 Cedar Springs Rd  
Dallas, Texas 75235  
USA

**Telephone:** 585-781-4551

### 1.4 Emergency telephone number:

Emergency telephone number (Belgium) : +32 3 4443333 (24h/24h)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

**Classification according to Regulation (EC) No 1272/2008 as amended.**

#### Health Hazards

Skin corrosion	Category 2	H315: Causes skin irritation.
Serious eye damage	Category 1	H318: Causes serious eye damage.
Skin sensitizer	Category 1	H317: May cause an allergic skin reaction.
Germ Cell Mutagenicity	Category 2	H341: Suspected of causing genetic defects.
Carcinogenicity	Category 2	H351: Suspected of causing cancer.

**Environmental Hazards**

Acute hazards to the aquatic environment

Category 1

H400: Very toxic to aquatic life.

**2.2 Label Elements**

**Contains:**

Hydroquinone  
2-Methylaminoethanol



**Signal Words:**

Danger

**Hazard Statement(s):**

H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H317: May cause an allergic skin reaction.  
H400: Very toxic to aquatic life.  
H341: Suspected of causing genetic defects.  
H351: Suspected of causing cancer.

**Precautionary Statements**

**Prevention:**

P201: Obtain special instructions before use.  
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313: IF exposed or concerned: Get medical advice/attention.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

**2.3 Other hazards**

Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria Not fulfilling vPvB (very persistent/very bioaccumulative) criteria

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**General information:**

No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Hydroquinone	5 - <10%	123-31-9	204-617-8	01-	10	#

				2119524016-51-0002		
2-Methylaminoethanol	3 - <5%	109-83-1	203-710-0	01-2119492297-26-XXXX	No data available.	
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one	0.1 - <1%	13047-13-7	235-920-3	No data available.	No data available.	

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

# # This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

#### Classification

Chemical name	Classification	Notes
Hydroquinone	Aquatic Acute: 1: H400 Skin Sens.: 1: H317 Eye Dam.: 1: H318 Acute Tox.: 4: H302 Muta.: 2: H341 Carc.: 2: H351	No data available.
2-Methylaminoethanol	Skin Corr.: 1B: H314 Eye Dam.: 1: H318 Acute Tox.: 4: H302 STOT SE: 3: H335 Acute Tox.: 4: H312	No data available.
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one	Acute Tox.: 4: H302 Skin Sens.: 1: H317 Aquatic Chronic: 2: H411	

CLP: Regulation No. 1272/2008.

### SECTION 4: First aid measures

**General:** CAUTION! First aid personnel must be aware of own risk during rescue!

#### 4.1 Description of first aid measures

**Inhalation:** Move to fresh air.

**Eye contact:** Rinse immediately with plenty of water.

**Skin Contact:** Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get medical attention.

**Ingestion:** Rinse mouth thoroughly.

**4.2 Most important symptoms and effects, both acute and delayed:** See section 11 of the SDS for additional information on health hazards.

#### 4.3 Indication of any immediate medical attention and special treatment needed

**Hazards:** See section 11 of the SDS for additional information on health hazards.

**Treatment:** Get medical attention if symptoms occur.

### SECTION 5: Firefighting measures

**General Fire Hazards:** No unusual fire or explosion hazards noted.

#### 5.1 Extinguishing media Suitable extinguishing media:

Extinguish with foam, carbon dioxide, dry powder or water fog.

#### Unsuitable extinguishing media:

Do not use water jet as an extinguisher, as this will spread the fire.

#### 5.2 Special hazards arising from the substance or mixture:

During fire, gases hazardous to health may be formed.

#### 5.3 Advice for firefighters Special fire fighting procedures:

No data available.

#### Special protective equipment for fire-fighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures:

See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

#### 6.2 Environmental Precautions:

Avoid release to the environment. Prevent further leakage or spillage if safe to do so.

#### 6.3 Methods and material for containment and cleaning up:

Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.

#### 6.4 Reference to other sections:

For personal protection see section 8. For waste disposal, see section 13 of the SDS.

### SECTION 7: Handling and storage:

#### 7.1 Precautions for safe handling:

Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling.

**7.2 Conditions for safe storage,** Store locked up.  
including any  
incompatibilities:

**7.3 Specific end use(s):** Reserved for industrial and professional use.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control Parameters**

**Occupational Exposure Limits**

Chemical name	type	Exposure Limit Values	Source
Hydroquinone	TWA	0.5 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)

**Biological Limit Values**

None.

**DNEL-Values**

Critical component	type	Route of Exposure		Remarks
Potassium sulphite	General population	Oral	14 mg/kg	Repeated dose toxicity
	General population	Inhalation	111 mg/m3	Repeated dose toxicity
	Workers	Inhalation	374 mg/m3	Repeated dose toxicity
Dipotassium hydrogenorthophosphate	General population	Inhalation	3.04 mg/m3	Repeated dose toxicity
	Workers	Inhalation	4.07 mg/m3	Repeated dose toxicity
2-Methylaminoethanol	Workers	Dermal	10.4 mg/kg	Repeated dose toxicity
	Workers	Dermal	2.08 mg/kg	Repeated dose toxicity
	Workers	Dermal	44 µg/cm2	Skin sensitization
	Workers	Inhalation	18.4 mg/m3	
	Workers	Inhalation	18.4 mg/m3	
Potassium bromide	Workers	Inhalation	9.2 mg/m3	
	Workers	Inhalation	9.2 mg/m3	
	Workers	Inhalation	4.75 mg/m3	Repeated dose toxicity
	Workers	Dermal	95 mg/kg	Repeated dose toxicity
EDTA-tetrasodium salt	Workers	Dermal	95 mg/kg	Repeated dose toxicity
	General population	Oral	25 mg/kg	Repeated dose toxicity
	Workers	Inhalation	2.5 mg/m3	Repeated dose toxicity
	General population	Inhalation	1.5 mg/m3	Repeated dose toxicity
	General population	Inhalation	1.5 mg/m3	Repeated dose toxicity
Potassium hydroxide	Workers	Inhalation	2.5 mg/m3	Repeated dose toxicity
	Workers	Inhalation	1 mg/m3	Irritating to respiratory system.
	General population	Inhalation	1 mg/m3	Irritating to respiratory system.
Methyl-1H-benzotriazole	General population	Oral	0.25 mg/kg	Repeated dose toxicity
	Workers	Dermal	0.5 mg/kg	Repeated dose toxicity
	General population	Oral	0.25 mg/kg	Repeated dose toxicity
	General population	Dermal	0.25 mg/kg	Repeated dose toxicity
	Workers	Inhalation	8.8 mg/m3	Repeated dose toxicity
	General population	Inhalation	4.4 mg/m3	Repeated dose toxicity

**PNEC-Values**

Critical component	Environmental compartment		Remarks
Potassium sulphite	Aquatic (freshwater)	1.67 mg/l	
	Aquatic (marine water)	0.17 mg/l	
	Sewage treatment plant	125.5 mg/l	
Dipotassium hydrogenorthophosphate	Sewage treatment plant	50 mg/l	
	Aquatic (marine water)	0.005 mg/l	
	Aquatic (freshwater)	0.05 mg/l	
	Aquatic (intermit. releases)	0.5 mg/l	
	Sewage treatment plant	100 mg/l	
2-Methylaminoethanol	Aquatic (marine water)	0.00281 mg/l	
	Sewage treatment plant	10 mg/l	
	Aquatic (intermit. releases)	0.0281 mg/l	
	soil	0.0022 mg/kg	
	freshwater sediment	0.0147 mg/kg	
	Aquatic (freshwater)	0.0281 mg/l	
	Potassium bromide	soil	3.2 mg/kg
Aquatic (freshwater)		0.52 mg/l	
Sewage treatment plant		100 mg/l	
Aquatic (marine water)		41 mg/l	
Aquatic (intermit. releases)		109 mg/l	
EDTA-tetrasodium salt	soil	0.72 mg/kg	
	Aquatic (marine water)	0.22 mg/l	
	Aquatic (freshwater)	2.2 mg/l	
	Aquatic (intermit. releases)	1.2 mg/l	
	Sewage treatment plant	43 mg/l	
Methyl-1H-benzotriazole	Sewage treatment plant	39.4 mg/l	
	Marine sediments	0.0025 mg/kg	
	Aquatic (freshwater)	0.008 mg/l	
	Aquatic (intermit. releases)	0.086 mg/l	
	Aquatic (marine water)	0.008 mg/l	
	soil	0.0024 mg/kg	
	freshwater sediment	0.0025 mg/kg	

**8.2 Exposure controls**

**Appropriate Engineering Controls:** Provide adequate ventilation.

**Individual protection measures, such as personal protective equipment**

- General information:** Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. Follow training instructions when handling this material.
- Eye/face protection:** Safety goggles. EN 166.
- Skin protection**
- Hand Protection:** Protective gloves should be used if there is a risk of direct contact or splash.(EN374) Chemical resistant gloves required for prolonged or repeated contact. Butyl rubber. Glove thickness: > 0.70 mm Break-through time: > 480 min Risk of splashes: Nitrile rubber. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.
- Other:** Safety clothes : long sleeved clothing EN13688
- Respiratory Protection:** In case of inadequate ventilation use suitable respirator (EN14387). Seek advice from local supervisor.
- Hygiene measures:** Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin.
- Environmental Controls:** Do not empty into drains.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	Light brown
<b>Odor:</b>	Faint
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	12.6 (25 °C)
<b>Freezing point:</b>	< 0 °C
<b>Boiling Point:</b>	> 100 °C
<b>Flash Point:</b>	No data available.
<b>Evaporation Rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Flammability Limit - Upper (%):</b>	No data available.

<b>Flammability Limit - Lower (%):</b>	No data available.
<b>Vapor pressure:</b>	23.00 hPa (20 °C)
<b>Vapor density (air=1):</b>	No data available.
<b>Relative density:</b>	1.3400 (20 °C)
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	No data available.
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Autoignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>Viscosity:</b>	No data available.
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.

## 9.2 Other information

<b>VOC Content:</b>	EC Directive 1999/13: 40 g/l ~4 % (calculated) EC Directive 2004/42: 130 g/l ~13 % (calculated)
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## SECTION 10: Stability and reactivity

<b>10.1 Reactivity:</b>	Material is stable under normal conditions.
<b>10.2 Chemical Stability:</b>	Material is stable under normal conditions.
<b>10.3 Possibility of hazardous reactions:</b>	Not known.
<b>10.4 Conditions to avoid:</b>	Avoid heat or contamination.
<b>10.5 Incompatible Materials:</b>	None known.
<b>10.6 Hazardous Decomposition Products:</b>	By heating and fire, harmful vapors/gases may be formed.

## SECTION 11: Toxicological information

### Information on likely routes of exposure

<b>Inhalation:</b>	Inhalation is the primary route of exposure. In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.
<b>Ingestion:</b>	May be ingested by accident. Ingestion may cause irritation and malaise.
<b>Skin Contact:</b>	May cause an allergic skin reaction.
<b>Eye contact:</b>	Eye contact is possible and should be avoided.

### 11.1 Information on toxicological effects

#### Acute toxicity



**Oral**

**Product:** ATEmix: 3,652.47 mg/kg

**Specified substance(s)**

Hydroquinone LD 50 (Rat): 367.3 mg/kg

2-Methylaminoethanol LD 50 (Rat): 1,391 mg/kg

4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one No data available.

**Dermal**

**Product:** ATEmix: 7,155.05 mg/kg

**Specified substance(s)**

Hydroquinone LD 50 (Rat): > 900 mg/kg

2-Methylaminoethanol LD 50 (Rat): > 2,000 mg/kg  
LD 50 (Rabbit): 1,006 mg/kg

4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one No data available.

**Inhalation**

**Product:** Not classified for acute toxicity based on available data.

**Specified substance(s)**

Hydroquinone No data available.

2-Methylaminoethanol No data available.

4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one No data available.

**Repeated dose toxicity**

**Product:** No data available.

**Specified substance(s)**

Hydroquinone NOAEL (Rat(Female), Dermal, 13 Weeks): 109.6 mg/kg  
NOAEL (Rat(Male), Dermal, 13 Weeks): 73.9 mg/kg  
NOAEL (Rat(Female, Male), Dermal, 14 d): 3,840 mg/kg  
NOAEL (Mouse(Female, Male), Dermal, 14 d): 4,800 mg/kg  
NOAEL (Rat(Female, Male), Oral, 13 Weeks): 50 mg/kg  
NOAEL (Rat(Female, Male), Oral, 35 - 55 d): 50 mg/kg

2-Methylaminoethanol NOAEL (Rat(Female, Male), Oral, 35 - 55 d): 50 mg/kg

4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one No data available.

**Skin Corrosion/Irritation:**

**Product:** Causes skin irritation. Skin Irritation: On the basis of test data.

**Specified substance(s)**

Hydroquinone	in vivo (Rabbit): Not irritant Experimental result, Weight of Evidence study
2-Methylaminoethanol	in vivo (Rabbit): Corrosive Experimental result, Key study
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one	No data available.

**Serious Eye Damage/Eye Irritation:**

**Product:** Causes serious eye damage.

**Specified substance(s)**

Hydroquinone	No data available.
2-Methylaminoethanol	in vivo (Rabbit, 24 - 72 hrs): Corrosive EU
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one	No data available.

**Respiratory or Skin Sensitization:**

**Product:** May cause an allergic skin reaction.

**Specified substance(s)**

Hydroquinone	No data available.
2-Methylaminoethanol	No data available.
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one	No data available.

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**Specified substance(s)**

Hydroquinone	No data available.
2-Methylaminoethanol	No data available.
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one	No data available.

**In vivo**

**Product:** No data available.

**Specified substance(s)**

Hydroquinone	No data available.
2-Methylaminoethanol	No data available.
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one	No data available.

**Carcinogenicity**

**Product:** Suspected of causing cancer.

**Specified substance(s)**

Hydroquinone	No data available.
2-Methylaminoethanol	No data available.
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one	No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specified substance(s)**

Hydroquinone	No data available.
2-Methylaminoethanol	No data available.
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one	No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specified substance(s)**

Hydroquinone	No data available.
2-Methylaminoethanol	No data available.
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one	No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Specified substance(s)**

Hydroquinone	No data available.
2-Methylaminoethanol	No data available.
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one	No data available.

**Aspiration Hazard**

**Product:** No data available.

**Specified substance(s)**

Hydroquinone	No data available.
2-Methylaminoethanol	No data available.
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one	No data available.

## SECTION 12: Ecological information

**General information:** Contains a substance which causes risk of hazardous effects to the environment.

### 12.1 Toxicity

#### Acute toxicity

##### Fish

**Product:** No data available.

##### Specified substance(s)

Hydroquinone	LC 50 (Oncorhynchus mykiss, 96 h): 0.638 mg/l (flow-through) Experimental result, Key study
2-Methylaminoethanol	LC 50 (Danio rerio, 96 h): > 100 mg/l Experimental result, Key study
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one	No data available.

##### Aquatic Invertebrates

**Product:** No data available.

##### Specified substance(s)

Hydroquinone	EC 50 (Daphnia magna, 48 h): 0.134 mg/l (semi-static) Experimental result, Key study
2-Methylaminoethanol	EC 50 (Daphnia magna, 48 h): 33 mg/l (Static) Experimental result, Key study
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one	No data available.

#### Chronic Toxicity

##### Fish

**Product:** No data available.

##### Specified substance(s)

Hydroquinone	No data available.
2-Methylaminoethanol	No data available.
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one	No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s)**

Hydroquinone No data available.  
2-Methylaminoethanol No data available.  
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Specified substance(s)**

Hydroquinone No data available.  
2-Methylaminoethanol EC 50 (Desmodesmus subspicatus (algae), 72 h): 18.4 mg/l  
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one No data available.

**12.2 Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**Specified substance(s)**

Hydroquinone No data available.  
2-Methylaminoethanol No data available.  
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one No data available.

**BOD/COD Ratio**

**Product** No data available.

**Specified substance(s)**

Hydroquinone No data available.  
2-Methylaminoethanol No data available.  
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one No data available.

**12.3 Bioaccumulative Potential**

**Product:** No data available.

**Specified substance(s)**

Hydroquinone No data available.  
2-Methylaminoethanol No data available.

4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one No data available.

**12.4 Mobility in Soil:** No data available.  
**Known or predicted distribution to environmental compartments**  
Hydroquinone No data available.  
2-Methylaminoethanol No data available.  
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one No data available.

**12.5 Results of PBT and vPvB assessment:** Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria Not fulfilling vPvB (very persistent/very bioaccumulative) criteria  
Hydroquinone No data available.  
2-Methylaminoethanol No data available.  
4-(Hydroxymethyl)-4-methyl-1-phenylpyrazolidin-3-one No data available.

**12.6 Other Adverse Effects:** Very toxic to aquatic organisms.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**General information:** Disposal considerations (including disposal of contaminated containers or packaging) Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Disposal methods:** Discharge, treatment, or disposal may be subject to national, state, or local laws. Do not allow to enter drains, sewers or watercourses.

Since emptied containers retain product residue, follow label warnings even after container is emptied.

## SECTION 14: Transport information

### ADR

14.1 UN Number: UN 3082  
14.2 UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Hydroquinone)  
14.3 Transport Hazard Class(es)  
Class: 9  
Label(s): 9  
Hazard No. (ADR): 90  
Tunnel restriction code: (E)  
14.4 Packing Group: III  
Limited quantity 5.00L  
Excepted quantity E1

14.5 Environmental Hazards: Yes  
14.6 Special precautions for user: SPECIAL PROVISION 375

**RID**

14.1 UN Number: UN 3082  
14.2 UN Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Hydroquinone)  
14.3 Transport Hazard Class(es)  
Class: 9  
Label(s): 9  
14.4 Packing Group: III  
14.5 Environmental Hazards: Yes  
14.6 Special precautions for user: –

**IMDG**

14.1 UN Number: UN 3082  
14.2 UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Hydroquinone)  
14.3 Transport Hazard Class(es)  
Class: 9  
Label(s): 9  
EmS No.: F-A, S-F  
14.4 Packing Group: III  
Limited quantity 5.00L  
Excepted quantity E1  
14.5 Environmental Hazards: Environmentally Hazardous  
14.6 Special precautions for user: CODE 2.10.2.7

**IATA**

14.1 UN Number: UN 3082  
14.2 Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s.(Hydroquinone)  
14.3 Transport Hazard Class(es):  
Class: 9  
Label(s): 9MI  
14.4 Packing Group: III  
Limited quantity 30.00KG  
Excepted quantity E1  
14.5 Environmental Hazards: Yes  
14.6 Special precautions for user: SPECIAL PROVISION A197

Other information  
Passenger and cargo aircraft: Allowed.  
  
Cargo aircraft only: Allowed.

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:** not applicable.

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**EU Regulations**

**Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer:** none

**Regulation (EC) No. 850/2004 on persistent organic pollutants:** none

**Regulation (EC) No. 689/2008 Import and export of dangerous chemicals:** none

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended:** none

**Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:** none

**Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.:** none

**Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.:** none

**Directive 96/82/EC (Seveso III): on the control of major accident hazards involving dangerous substances:** none

**EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants:** none

**Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:**

Chemical name	CAS-No.	Concentration
2-Methylaminoethanol	109-83-1	1.0 - 10%
EDTA-tetrasodium salt	64-02-8	0.1 - 1.0%
Potassium hydroxide	1310-58-3	0.1 - 1.0%

**15.2 Chemical safety assessment:**

No Chemical Safety Assessment has been carried out.

**SECTION 16: Other information**

**Revision Information:** Not relevant. Not relevant.

**Key literature references and sources for data:** Safety Data Sheet from the supplier.  
ECHA

**Wording of the H-statements in section 2 and 3**

H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.



H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

**Training information:** No data available.

**Classification according to Regulation (EC) No 1272/2008 as amended.**

Skin Corr. 2, H315  
Eye Dam. 1, H318  
Skin Sens. 1, H317  
Muta. 2, H341  
Carc. 2, H351  
Aquatic Acute 1, H400

**Issue Date:** 26.09.2016

**SDS No.:**

**Disclaimer:** This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.