

Trade name: Ink, black contained in: edding 55, edding 88, edding 89

Current version : 4.0.0, issued: 02.06.2020

Replaced version: 4.0.0, issued: 29.05.2020

Region: GB

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

1.1 Product identifier

Trade name

Ink, black contained in: edding 55, edding 88, edding 89

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

Relevant identified uses of the substance or mixture

Ink for use in felt pens

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

edding International GmbH

Bookkoppel 7

D-22926 Ahrensburg

Telephone no. +49 (0) 41 02 / 80 8-0

Information provided by / telephone

+49 (0)4102 - 808-0

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)30 30686 790 (Giftnotruf Berlin)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Acute Tox. 4; H302

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



GHS07

Signal word

Warning

Hazardous component(s) to be indicated on label:

diethylene glycol

Hazard statement(s)

H302

Harmful if swallowed.

Hazard statements (EU)

Trade name: Ink, black contained in: edding 55, edding 88, edding 89

Current version : 4.0.0, issued: 02.06.2020

Replaced version: 4.0.0, issued: 29.05.2020

Region: GB

EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Precautionary statement(s)

P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P264 Wash thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P501 Dispose of contents/container to a facility in accordance with local and national regulations.

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

Mixture (preparation)

Hazardous ingredients

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %
1	diethylene glycol		
	111-46-6 203-872-2 603-140-00-6 01-2119457857-21	Acute Tox. 4; H302	>= 25.00 - < 50.00 % -b.w.
2	2,2'-(methylimino)diethanol		
	105-59-9 203-312-7 603-079-00-5 01-2119488970-24	Eye Irrit. 2; H319	< 5.00 % -b.w.
3	bronopol		
	52-51-7 200-143-0 603-085-00-8 -	Acute Tox. 4*; H302 Acute Tox. 4*; H312 Aquatic Acute 1; H400 Eye Dam. 1; H318 Skin Irrit. 2; H315 STOT SE 3; H335	< 0.10 % -b.w.
4	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)		
	55965-84-9 - 613-167-00-5 -	Acute Tox. 2; H310 Acute Tox. 2; H330 Acute Tox. 3; H301 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071 Eye Dam. 1; H318 Skin Corr. 1C; H314 Skin Sens. 1A; H317	< 0.0015 % -b.w.

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(* , ** , *** , ****) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
3	-	-	M = 10	-

Trade name: Ink, black contained in: edding 55, edding 88, edding 89

Current version : 4.0.0, issued: 02.06.2020

Replaced version: 4.0.0, issued: 29.05.2020

Region: GB

4	B	Skin Sens. 1A; H317: C \geq 0.0015% Eye Irrit. 2; H319: C \geq 0.06% Skin Irrit. 2; H315: C \geq 0.06% Skin Corr. 1C; H314: C \geq 0.6% Eye Dam. 1; H318: C \geq 0.6%	M = 100	M = 100
---	---	---	---------	---------

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

3.3 Other information

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

After inhalation

Ensure supply of fresh air.

After skin contact

Wash off immediately with soap and water.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

After ingestion

Rinse mouth thoroughly with water. Call a doctor immediately. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam; Carbon dioxide; Extinguishing powder; Water spray jet

Unsuitable extinguishing media

No data available.

5.2 Special hazards arising from the substance or mixture

None known.

5.3 Advice for firefighters

Use self-contained breathing apparatus. Adapt extinguisher and fire-fighting measures to fire in the environment. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

Trade name: Ink, black contained in: edding 55, edding 88, edding 89

Current version : 4.0.0, issued: 02.06.2020

Replaced version: 4.0.0, issued: 29.05.2020

Region: GB

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). When collected, handle material as described under the section heading "Disposal considerations".

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Provide good ventilation at the work area (local exhaust ventilation, if necessary).

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work.

Advice on protection against fire and explosion

No special measures necessary.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place.

Requirements for storage rooms and vessels

Store product in closed containers.

Incompatible products

Do not store together with: oxidizing agents; Acids

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
List of approved workplace exposure limits (WELs) / EH40			
	2,2'-Oxydiethanol		
	WEL long-term (8-hr TWA reference period)	101	mg/m ³ 23 ppm

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name	CAS / EC no		
	Route of exposure	Exposure time	Effect	Value
1	diethylene glycol	111-46-6 203-872-2		
	dermal	Long term (chronic)	systemic	43 mg/kg/day
	inhalative	Long term (chronic)	local	60 mg/m ³
	inhalative	Long term (chronic)	systemic	44 mg/m ³
2	2,2'-(methylimino)diethanol	105-59-9 203-312-7		
	dermal	Long term (chronic)	systemic	19 mg/kg/day
	inhalative	Long term (chronic)	systemic	26 mg/m ³

DNEL value (consumer)

No	Substance name	CAS / EC no		
	Route of exposure	Exposure time	Effect	Value

Trade name: Ink, black contained in: edding 55, edding 88, edding 89

Current version : 4.0.0, issued: 02.06.2020

Replaced version: 4.0.0, issued: 29.05.2020

Region: GB

1	diethylene glycol			111-46-6 203-872-2	
	dermal	Long term (chronic)	systemic	21	mg/kg/day
	inhalative	Long term (chronic)	local	12	mg/m ³
	inhalative	Long term (chronic)	systemic	12	mg/m ³
2	2,2'-(methylimino)diethanol			105-59-9 203-312-7	
	oral	Long term (chronic)	systemic	1.9	mg/kg/day
	dermal	Long term (chronic)	systemic	9.4	mg/kg/day
	inhalative	Long term (chronic)	systemic	6.5	mg/m ³

PNEC values

No	Substance name		CAS / EC no
	ecological compartment	Type	Value
1	diethylene glycol		111-46-6 203-872-2
	water	fresh water	10 mg/L
	water	marine water	1 mg/L
	water	fresh water sediment	20.9 mg/kg dry weight
	water	marine water sediment	2.09 mg/kg dry weight
	water	Aqua intermittent	10 mg/L
	soil	-	1.53 mg/kg dry weight
	sewage treatment plant	-	199.5 mg/L
2	2,2'-(methylimino)diethanol		105-59-9 203-312-7
	water	fresh water	0.1 mg/L
	water	marine water	0.0045 mg/L
	water	Aqua intermittent	1 mg/L
	water	fresh water sediment	0.78 mg/kg dry weight
	water	marine water sediment	0.0351 mg/kg dry weight
	soil	-	0.097 mg/kg dry weight
	sewage treatment plant	-	10 mg/L

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

Safety glasses (EN 166)

Hand protection

In case of intensive contact, wear protective gloves (EN 374). Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Other

Normal chemical work clothing.

Environmental exposure controls

Trade name: Ink, black contained in: edding 55, edding 88, edding 89

Current version : 4.0.0, issued: 02.06.2020

Replaced version: 4.0.0, issued: 29.05.2020

Region: GB

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour	
liquid	
black	
Odour	
odourless	
Odour threshold	
No data available	
pH value	
No data available	
Boiling point / boiling range	
No data available	
Melting point / melting range	
No data available	
Decomposition point / decomposition range	
No data available	
Flash point	
no data available	
Auto-ignition temperature	
No data available	
Oxidising properties	
No data available	
Explosive properties	
No data available	
Flammability (solid, gas)	
No data available	
Lower flammability or explosive limits	
No data available	
Upper flammability or explosive limits	
No data available	
Vapour pressure	
No data available	
Vapour density	
No data available	
Evaporation rate	
No data available	
Relative density	
No data available	
Density	
no data available	
Solubility in water	
Comments	miscible
Solubility(ies)	
No data available	

Trade name: Ink, black contained in: edding 55, edding 88, edding 89

Current version : 4.0.0, issued: 02.06.2020

Replaced version: 4.0.0, issued: 29.05.2020

Region: GB

Partition coefficient: n-octanol/water			
No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
log Pow		<	1
Source		Manufacturer	
2	2,2'-(methylimino)diethanol	105-59-9	203-312-7
log Pow		-1.16	
Reference temperature		23 °C	
Method		OECD 107	
Source		ECHA	

Viscosity
No data available

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

No data available.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

Oxidizing agents; Acids

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	Ink, black contained in: edding 55, edding 88, edding 89
ATE (Mixture)	
	1666.67
Method	
	Calculation method according Regulation (EC) No 1272/2008, (CLP), annex I, part 3, section 3.1.3.6.

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	2,2'-(methylimino)diethanol	105-59-9	203-312-7
LD50		4680	mg/kg bodyweight
Species		rat	
Method		OECD 401	
Source		ECHA	

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
LD50		13300	mg/kg bodyweight

Trade name: Ink, black contained in: edding 55, edding 88, edding 89

Current version : 4.0.0, issued: 02.06.2020

Replaced version: 4.0.0, issued: 29.05.2020

Region: GB

Species	rabbit
Source	ECHA

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
LC50	>	4.6	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
Species	rabbit		
Source	ECHA		
Evaluation	non-irritant		
2	2,2'-(methylimino)diethanol	105-59-9	203-312-7
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
Species	rabbit		
Source	ECHA		
Evaluation	non-irritant		
2	2,2'-(methylimino)diethanol	105-59-9	203-312-7
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	irritant		

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
Route of exposure	Skin		
Species	guinea pig		
Method	67/548/EEC, B.6		
Source	ECHA		
Evaluation	non-sensitizing		
2	2,2'-(methylimino)diethanol	105-59-9	203-312-7
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	2,2'-(methylimino)diethanol	105-59-9	203-312-7
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Reproduction toxicity

Trade name: Ink, black contained in: edding 55, edding 88, edding 89

Current version : 4.0.0, issued: 02.06.2020

Replaced version: 4.0.0, issued: 29.05.2020

Region: GB

No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	2,2'-(methylimino)diethanol	105-59-9	203-312-7
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Carcinogenicity

No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

STOT - single exposure

No data available

STOT - repeated exposure

No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	2,2'-(methylimino)diethanol	105-59-9	203-312-7
Route of exposure		dermal	
NOEL		100	mg/kg bw/d
Duration of exposure		90	day(s)
Species		rat	
Method		OECD 411	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Aspiration hazard

No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Eye contact with the product may lead to irritation.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
LC50		75200	mg/l
Duration of exposure		96	h
Species		Pimephales promelas	
Source		ECHA	
2	2,2'-(methylimino)diethanol	105-59-9	203-312-7
LC50		1466	mg/l
Duration of exposure		96	h
Species		Leuciscus idus	
Method		DIN 38412	
Source		ECHA	

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
EC50		>	10000 mg/l
Duration of exposure		48	h

Trade name: Ink, black contained in: edding 55, edding 88, edding 89

Current version : 4.0.0, issued: 02.06.2020

Replaced version: 4.0.0, issued: 29.05.2020

Region: GB

Species	Daphnia magna
Method	DIN 38412
Source	Manufacturer
2	2,2'-(methylimino)diethanol 105-59-9 203-312-7
EC50	233 mg/l
Duration of exposure	48 h
Species	Daphnia magna
Method	440/2008/EC C.2.
Source	ECHA

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)

No	Substance name	CAS no.	EC no.
1	2,2'-(methylimino)diethanol	105-59-9	203-312-7
EC50	>	100 mg/l	
Duration of exposure		72 h	
Species	Desmodesmus subspicatus		
Method	DIN 38412		
Source	ECHA		

Toxicity to algae (chronic)

No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
NOEC		2700 mg/l	
Duration of exposure		8 day(s)	
Species	Scenedesmus quadricauda		
Source	ECHA		

Bacteria toxicity

No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
EC20	>	1.995 mg/l	
Duration of exposure		0.5 h	
Species	activated sludge		
Method	ISO 8192		
Source	ECHA		

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
Type	DOC decrease		
Value	90	- 100	%
Duration		28	day(s)
Method	OECD 301 B		
Source	ECHA		
Evaluation	readily biodegradable		
2	2,2'-(methylimino)diethanol	105-59-9	203-312-7
Type	aerobic biodegradation		
Value		96	%
Duration		18	day(s)
Method	OECD 301 A		
Source	ECHA		
Evaluation	readily biodegradable		

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2

Trade name: Ink, black contained in: edding 55, edding 88, edding 89

Current version : 4.0.0, issued: 02.06.2020

Replaced version: 4.0.0, issued: 29.05.2020

Region: GB

BCF	100		
Species	Leuciscus idus		
Source	ECHA		
Partition coefficient: n-octanol/water			
No	Substance name	CAS no.	EC no.
1	diethylene glycol	111-46-6	203-872-2
log Pow	<	1	
Source	Manufacturer		
2	2,2'-(methylimino)diethanol	105-59-9	203-312-7
log Pow		-1.16	
Reference temperature		23	°C
Method	OECD 107		
Source	ECHA		

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

12.7 Other information

Other information

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

SECTION 15: Regulatory information

Trade name: Ink, black contained in: edding 55, edding 88, edding 89

Current version : 4.0.0, issued: 02.06.2020

Replaced version: 4.0.0, issued: 29.05.2020

Region: GB

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annexe XVII.	No 3
---	------

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

EUH071	Corrosive to the respiratory tract.
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

B Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

Department issuing safety data sheet
UMCO GmbH

Trade name: Ink, black contained in: edding 55, edding 88, edding 89

Current version : 4.0.0, issued: 02.06.2020

Replaced version: 4.0.0, issued: 29.05.2020

Region: GB

Georg-Wilhelm-Str. 187, D-21107 Hamburg
Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: umco@umco.de

This information is based on our present knowledge and experience.
The safety data sheet describes products with a view to safety requirements.
It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Document protected by copyright. Alterations or reproductions require the express written permission of UMCO GmbH.
Prod-ID 631368