Version 5.1 (04/05/2022) - Page 1/11

PEBEO SAS

Colorex ink: silver - FDS018



SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: Colorex ink: silver

Product code: FDS018.

See list of references in appendix. UFI: W4E0-G0VD-200U-616W

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

Paints & Varnishes for artists

1.3. Details of the supplier of the safety data sheet

Registered company name: PEBEO SAS.

Address: CS 10106 .13881.GEMENOS CEDEX.FRANCE. Telephone: 33 (0) 4.42.32.08.08. Fax: 33 (0) 4.42.32.01.70.

reglementation@pebeo.com

www.pebeo.com

1.4. Emergency telephone number: +33 (0)1 45 42 59 59.

Association/Organisation: INRS / ORFILA http://www.centres-antipoison.net.

Other emergency numbers

United Kingdom: 0870 600 6266 Ireland: 01 809 25 66

>SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

|> In compliance with EC regulation No. 1272/2008 and its amendments.

Flammable liquid, Category 2 (Flam. Liq. 2, H225).

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

|> In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms:



GHS02

Signal Word:

DANGER

Hazard statements:

H225

Highly flammable liquid and vapour.

Precautionary statements - General: P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children. Precautionary statements - Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

Version 5.1 (04/05/2022) - Page 2/11

PEBEO SAS

Colorex ink: silver - FDS018

Precautionary statements - Disposal:

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

|> 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) \geq 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances> = 0.1% with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition:

Identification	(EC) 1272/2008	Note	%
INDEX: 606-002-00-3	GHS02, GHS07	[1]	$0 \le x \% < 2.5$
CAS: 78-93-3	Dgr		
EC: 201-159-0	Flam. Liq. 2, H225		
	Eye Irrit. 2, H319		
BUTANONE	STOT SE 3, H336		
	EUH:066		
INDEX: 603-117-00-0	GHS02, GHS07	[1]	$0 \le x \% < 2.5$
CAS: 67-63-0	Dgr		
EC: 200-661-7	Flam. Liq. 2, H225		
	Eye Irrit. 2, H319		
PROPAN-2-OL	STOT SE 3, H336		

Information on ingredients:

(Full text of H-phrases: see section 16)

[1] Substance for which maximum workplace exposure limits are available.

SECTION 4: FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. description of first aid measures

In the event of splashes or contact with eyes:

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

In the event of swallowing:

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

5.1. Extinguishing media

Keep packages near the fire cool, to prevent pressurised containers from bursting.

Version 5.1 (04/05/2022) - Page 3/11

Colorex ink: silver - FDS018

Suitable methods of extinction

In the event of a fire, use:

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

Prevent the effluent of fire-fighting measures from entering drains or waterways.

Unsuitable methods of extinction

In the event of a fire, do not use:

- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed:

- carbon monoxide (CO)
- carbon dioxide (CO2)

5.3. Advice for firefighters

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

>SECTION 7: HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

> 7.1. Precautions for safe handling

Always wash hands after handling.

Ensure that there is adequate ventilation, especially in confined areas.

Fire prevention:

Handle in well-ventilated areas.

Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Prevent the accumulation of electrostatic charges with connections to earth.

The mixture can become electrostatically charged: always ground when decanting. Wear antistatic shoes and clothing and make floors of non-conductive

Version 5.1 (04/05/2022) - Page 4/11

Colorex ink: silver - FDS018

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.

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

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight.

Avoid accumulation of electrostatic charges.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available

>SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits:

- European Union (2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE):

CAS	v ivit:-ing/iii3.	v wie-ppiii.	v LE-mg/ms.	v LE-ppm.	INDIES.	
78-93-3	600	200	900	300	-	
- ACGIH TLV (Ame	rican Conferenc	e of Governme	ntal Industrial H	voienists Three	shold Limit Value	۵,

- ACGIH ILV (American Conference of Governmental industrial Hygienists, 1 fireshold Limit Values, 2010)

	CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
	78-93-3	200 ppm	300 ppm		BEI	
ſ	67-63-0	200 ppm	400 ppm		A4; BEI	

- South Africa / DOL RL (Department of Labour, Recommended limits, 1995) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
78-93-3	200 ppm	300 ppm			
	590 mg/m3	885 mg/m3			
67-63-0	400 ppm	500 ppm		Sk	
	980 mg/m3	1225 mg/m3			

- Germany - AGW (BAuA - TRGS 900, 08/08/2019) :

CAS	VME:	VME:	Excess	Notes
78-93-3		200 ppm		1(I)
		600 mg/m ³		
67-63-0		200 ppm		2(II)
		500 mg/m ³		

- Australia (NOHSC: 3008, 1995):

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
78-93-3	150 ppm	300 ppm		A	
	445 mg/m3	890 mg/m3			

Version 5.1 (04/05/2022) - Page 5/11

Colorex ink : silver - FDS018

CE CO O	1400	T-00	1	1		
67-63-0	400 ppm	500 ppm		Н		
	983 mg/m3	1230 mg/m3				
Belgium (Arre	êté du 19/11/2020) :					
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:	
78-93-3	200 ppm	300 ppm				
	600 mg/m ³	900 mg/m ³				
67-63-0	200 ppm	400 ppm				
	500 mg/m ³	1000 mg/m ³				
Brazil :						
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:	
78-93-3	155 ppm	-	-	-	-	
67-63-0	310 ppm	_	_	_	_	
	erta (Occupational h	aalth and aafatri	aada 2000) .			
CAS	TWA:	STEL:	Ceiling:	Definition:	Cuitania	
78-93-3			Celling:	Definition:	Criteria :	
/8-93-3	200 ppm	300 ppm				
67.62.0	590 mg/m3	885 mg/m3				
67-63-0	200 ppm	400 ppm				
	492 mg/m3	984 mg/m3				
	sh Colombia (2009)					
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria :	
78-93-3	50 ppm	100 ppm				
67-63-0	200 ppm	400 ppm				
Canada / Onta	rio (Control of expo	sure to biologic	al or chemical	agents, regulation	n 491/2009) ·	
CAS	TWA:	STEL:	Ceiling:	Definition :	Criteria:	
67-63-0	200 ppm	400 ppm	-	-	-	
	bec (Regulations on		alth and safata) ·		
CAS	TWA:	STEL:	Ceiling:	Definition :	Criteria :	
78-93-3			Cenning:	Definition:	Criteria :	
/8-93-3	50 ppm	100 ppm				
	150 mg/m3	300 mg/m3				
	400			l l		
67-63-0	400 ppm	500 ppm				
	983 mg/m3	500 ppm 1230 mg/m3				
China (GBZ 2	983 mg/m3 2.1, 2007) :	1230 mg/m3				
· China (GBZ 2	983 mg/m3 2.1, 2007) : TWA :	1230 mg/m3 STEL :	Anm :	TWA:	STEL:	Anm :
China (GBZ 2 CAS 78-93-3	983 mg/m3 2.1, 2007) : TWA : 300 mg/m3	1230 mg/m3 STEL : 600 mg/m3	Anm :	TWA:	STEL:	Anm :
China (GBZ 2 CAS 78-93-3	983 mg/m3 2.1, 2007) : TWA :	1230 mg/m3 STEL :	Anm :	TWA:	STEL:	Anm :
China (GBZ 2 CAS 78-93-3 67-63-0	983 mg/m3 2.1, 2007) : TWA : 300 mg/m3 350 mg/m3	1230 mg/m3 STEL : 600 mg/m3	Anm:	TWA:	STEL:	Anm :
- China (GBZ 2 CAS 78-93-3 67-63-0 - Denmark (202	983 mg/m3 2.1, 2007) : TWA : 300 mg/m3 350 mg/m3	1230 mg/m3 STEL : 600 mg/m3	Anm :	TWA:	STEL:	Anm :
China (GBZ 2 CAS 78-93-3 67-63-0 Denmark (202 Stof	983 mg/m3 2.1, 2007) : TWA : 300 mg/m3 350 mg/m3	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3			STEL:	Anm:
China (GBZ 2 CAS 78-93-3 67-63-0 Denmark (202 Stof	983 mg/m3 2.1, 2007) : TWA : 300 mg/m3 350 mg/m3 20) :	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3		Anm	STEL:	Anm:
China (GBZ 2 CAS 78-93-3 67-63-0 Denmark (202 Stof 78-93-3	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm 145 mg/m³	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3		Anm	STEL:	Anm:
China (GBZ 2 CAS 78-93-3 67-63-0 Denmark (202 Stof 78-93-3	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3		Anm	STEL:	Anm :
China (GBZ 2 CAS 78-93-3 67-63-0 Denmark (202 Stof 78-93-3	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm 145 mg/m³ 200 ppm 490 mg/m³	1230 mg/m3		Anm	STEL:	Anm:
China (GBZ 2 CAS 78-93-3 67-63-0 Denmark (202 Stof 78-93-3 67-63-0	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm 145 mg/m³ 200 ppm 490 mg/m³ - ED984 / 2020-15	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3 VSTEL WSTEL 46) :	Loftvaerdi	Anm EH		
China (GBZ 2 CAS 78-93-3 67-63-0 Denmark (202 Stof 78-93-3 67-63-0	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm 145 mg/m³ 200 ppm 490 mg/m³ - ED984 / 2020-15: VME-ppm:	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3 VSTEL VSTEL 46) : VME-mg/m3 VM	Loftvaerdi	Anm EH VLE-mg/m3		TMP No :
- China (GBZ 2 CAS 78-93-3 67-63-0 - Denmark (202 Stof 78-93-3 67-63-0 - France (INRS CAS 78-93-3	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm 145 mg/m³ 200 ppm 490 mg/m³ - ED984 / 2020-15	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3 VSTEL 46) : VME-mg/m3 600	Loftvaerdi VLE-ppm: 300	Anm EH VLE-mg/m3	: Notes :	TMP No : 84
China (GBZ 2 CAS 78-93-3 67-63-0 Denmark (202 Stof 78-93-3 67-63-0 France (INRS CAS 78-93-3 67-63-0	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm 145 mg/m³ 200 ppm 490 mg/m³ - ED984 / 2020-15- VME-ppm: 200 -	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3 VSTEL VSTEL 46) : VME-mg/m3 VM	Loftvaerdi	Anm EH VLE-mg/m3	: Notes :	TMP No :
China (GBZ 2 CAS 78-93-3 67-63-0 Denmark (202 Stof 78-93-3 67-63-0 France (INRS CAS 78-93-3 67-63-0 Finland (HTP	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm 145 mg/m³ 200 ppm 490 mg/m³ - ED984 / 2020-15- VME-ppm: 200värden 2018):	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3 VSTEL 46) : VME-mg/m3 600 -	Loftvaerdi VLE-ppm: 300 400	Anm EH VLE-mg/m3 900 980	: Notes : *	TMP No : 84
China (GBZ 2 CAS 78-93-3 67-63-0 Denmark (202 Stof 78-93-3 67-63-0 France (INRS CAS 78-93-3 67-63-0 Finland (HTP CAS	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm 145 mg/m³ 200 ppm 490 mg/m³ - ED984 / 2020-15- VME-ppm: 200 -	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3 VSTEL	Loftvaerdi VLE-ppm: 300	Anm EH VLE-mg/m3	: Notes :	TMP No : 84
China (GBZ 2 CAS 78-93-3 67-63-0 Denmark (202 Stof 78-93-3 67-63-0 France (INRS CAS CAS 67-63-0 Finland (HTP	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm 145 mg/m³ 200 ppm 490 mg/m³ - ED984 / 2020-15- VME-ppm: 200värden 2018):	1230 mg/m3	Loftvaerdi VLE-ppm: 300 400	Anm EH VLE-mg/m3 900 980	: Notes : *	TMP No : 84
China (GBZ 2 CAS 78-93-3 67-63-0 Denmark (202 Stof 78-93-3 67-63-0 France (INRS CAS 78-93-3 67-63-0 Finland (HTP CAS	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm 145 mg/m³ 200 ppm 490 mg/m³ - ED984 / 2020-15- VME-ppm: 200värden 2018):	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3 VSTEL	Loftvaerdi VLE-ppm: 300 400	Anm EH VLE-mg/m3 900 980	: Notes : *	TMP No : 84
China (GBZ 2 CAS 78-93-3 67-63-0 Denmark (202 Stof 78-93-3 67-63-0 France (INRS CAS 78-93-3 67-63-0 Finland (HTP CAS 78-93-3	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm 145 mg/m³ 200 ppm 490 mg/m³ - ED984 / 2020-15- VME-ppm: 200värden 2018):	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3 VSTEL WME-mg/m3 600 - STEL : 100 ppm 300 mg/m³ 300 mg/m³	Loftvaerdi VLE-ppm: 300 400 Ceiling:	Anm EH VLE-mg/m3 900 980 Definition:	: Notes : * - Criteria :	TMP No : 84
China (GBZ 2 CAS 78-93-3 67-63-0 Denmark (202 Stof 78-93-3 67-63-0 France (INRS CAS 78-93-3 67-63-0 Finland (HTP CAS 78-93-3	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm 145 mg/m³ 200 ppm 490 mg/m³ - ED984 / 2020-15- VME-ppm: 200 värden 2018): TWA:	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3 VSTEL 46) : VME-mg/m3 600 - STEL : 100 ppm 300 mg/m³ ridad e Higiene STEL : STEL :	Loftvaerdi VLE-ppm: 300 400 Ceiling:	Anm EH VLE-mg/m3 900 980 Definition:	: Notes : * - Criteria :	TMP No : 84
- China (GBZ 2 CAS 78-93-3 67-63-0 - Denmark (202 Stof 78-93-3 67-63-0 - France (INRS CAS 78-93-3 67-63-0 - Finland (HTP CAS 78-93-3	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm 145 mg/m³ 200 ppm 490 mg/m³ - ED984 / 2020-15- VME-ppm: 200 värden 2018): TWA:	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3 VSTEL 46) : VME-mg/m3 600 - STEL : 100 ppm 300 mg/m³ ridad e Higiene STEL : STEL :	Loftvaerdi VLE-ppm: 300 400 Ceiling:	Anm EH VLE-mg/m3 900 980 Definition:	: Notes : * - Criteria :	TMP No : 84
China (GBZ 2 CAS 78-93-3 67-63-0 Denmark (202 Stof 78-93-3 67-63-0 France (INRS CAS 78-93-3 67-63-0 Finland (HTP CAS 78-93-3	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm 145 mg/m³ 200 ppm 490 mg/m³ - ED984 / 2020-15- VME-ppm: 200värden 2018): TWA: to Nacional de Segu TWA: 200 ppm	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3 VSTEL 46) : VME-mg/m3 600 - STEL : 100 ppm 300 mg/m³ ridad e Higiene STEL : 300 ppm STEL : 300 ppm	Loftvaerdi VLE-ppm: 300 400 Ceiling:	Anm EH VLE-mg/m3 900 980 Definition:	: Notes : * - Criteria :	TMP No : 84
CAS 78-93-3 67-63-0 - Finland (HTP CAS 78-93-3	983 mg/m3 2.1, 2007): TWA: 300 mg/m3 350 mg/m3 20): TWA 50 ppm 145 mg/m³ 200 ppm 490 mg/m³ - ED984 / 2020-15- VME-ppm: 200 värden 2018): TWA:	1230 mg/m3 STEL : 600 mg/m3 700 mg/m3 VSTEL 46) : VME-mg/m3 600 - STEL : 100 ppm 300 mg/m³ ridad e Higiene STEL : STEL :	Loftvaerdi VLE-ppm: 300 400 Ceiling:	Anm EH VLE-mg/m3 900 980 Definition:	: Notes : * - Criteria :	TMP No : 84

Version 5.1 (04/05/2022) - Page 6/11

Colorex ink: silver - FDS018

- Hong-Kong (C	Code of practice on		npurities (Chem	icals substances	in the workpla
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
78-93-3	200 ppm	300 ppm	-	-	-
67-63-0	400 ppm	500 ppm	-	-	-
- Ireland (Code	of practice for the (Chemical Agent	s Regulations, 2	2016) :	
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
78-93-3	200 ppm	300 ppm			
	600 mg/m^3	900 mg/m ³			
67-63-0	200 ppm	400 ppm			
Japan (JSOH,		1 FF			
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
78-93-3	200 ppm				
	590 mg/m ³				
67-63-0	- J		400 ppm		
			980 mgm/ ³		
Malaysia :	1	•		'	•
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
78-93-3	200 ppm	-	-	-	-
67-63-0	400 ppm	1-	-	-	-
· Mexico :	1.00 pp		I	1	
CAS	TWA:	STEL:	Ceiling:	Definition :	Criteria :
78-93-3	200 ppm	300 ppm	Cennig .	Deminion:	Ciliciia .
67-63-0	400 ppm	500 ppm	-	-	1
			r formenanis -	i arbaideatma-f-	1- 2010) :
<u>Norway (Veile</u> CAS	edning om administ TWA :	STEL:	Ceiling:	Definition :	Criteria :
78-93-3		SIEL:	Ceiling:	E E	Criteria :
/8-93-3	75 ppm			E	
(7, (2, 0	220 mg/m³				
67-63-0	100 ppm				
	245 mg/m ³				
	Workplace Exposu			D C	Ic :: :
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria :
78-93-3	150 ppm	300 ppm			
	445 mg/m3	890 mg/m3			
67-63-0	400 ppm	500 ppm			
	983 mg/m3	1230 mg/m3			
	MAC-waarde (10 d				
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
78-93-3	590 mg/m ³	900 mg/m ³		Huid	
67-63-0	250 ppm	-	-	-	-
Poland (Dz. U	. z 2018 r. poz. 917				
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
78-93-3	450 mg/m3	900 mg/m3	- 	-	-
67-63-0	900 mg/m ³	1200 mg/m ³			
	ic (Regulation No. 3		•		
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
78-93-3	600 mg/m ³	900 mg/m ³	Jennig .	I	
67-63-0	500 mg/m ³	1000 mg/m ³		Ī	
	lement 300/2007, 4		2011) ·	1*	1
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria :
78-93-3	200 ppm	300 ppm	Cennig :	Deminion:	Cincila :
10-23-3	600 mg/m ³	900 mg/m ³			
67-63-0	200 ppm	400 ppm			
07-03-0	500 ppin 500 mg/m ³	1 000 mg/m ³			
	Joo mg/m	1 000 mg/m	1		1

Version 5.1 (04/05/2022) - Page 7/11

Colorex ink: silver - FDS018

- Switzerland (SUVAPRO 2019):

CAS	VME	VLE	Valeur plafond Notations	
78-93-3	200 ppm	200 mg/m ³		
	590 mg/m ³	590 fc/m ³		
67-63-0	200 ppm	400 mg/m ³		
	500 mg/m^3	1000 fc/m ³		

- Sweden (AFS 2018:1):

5 eden (111 5 2010 11) 1							
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:		
78-93-3	50 ppm	300 ppm					
	150 mg/m ³	900 mg/m ³					
67-63-0	150 ppm	250 ppm		V			
	350 mg/m^3	600 mg/m^3					

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020):

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
78-93-3	200 ppm	300 ppm		Sk. BMGV	
	600 mg/m ³	899 mg/m ³			
67-63-0	400 ppm	500 ppm			
	999 mg/m ³	1250 mg/m ³			

- USA / NIOSH REL (National Institute for Occupational Safety and Health, Recommended exposure limits):

CAS	I WA:	SIEL:	Ceiling:	Definition:	Criteria:
78-93-3	200 ppm	300 ppm	-	-	-
67-63-0	400 ppm	500 ppm	-	-	-

- USA / NIOSH IDLH (National Institute for Occupational Safety and Health, Immediately Dangerous to Life or Health Concentrations):

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
78-93-3	200 ppm	300 ppm			
	590 mg/m3	885 mg/m3			
67-63-0	400 ppm	500 ppm			
	980 mg/m3	1225 mg/m3			

- USA / OSHA PEL (Occupational Safety and Health Administration, Permissible Exposure Limits):

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
78-93-3	200 ppm				
	590 mg/m3				
67-63-0	400 ppm				
	980 mg/m3				

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE):





Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

|> - Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- Body protection

Work clothing worn by personnel shall be laundered regularly.

Version 5.1 (04/05/2022) - Page 8/11

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After contact with the product, all parts of the body that have been soiled must be washed.

>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
9.1. Information on basic physical and chemical properties	
Physical state	Fl.: 4 1:! 4
Physical state :	Fluid liquid.
> Colour	
Unspecified	
> Odour	27 1
Odour threshold:	Not stated.
> Melting point	
Melting point/melting range:	Not relevant.
> Freezing point	
Freezing point / Freezing range:	Not stated.
Boiling point or initial boiling point and boiling range	
Boiling point/boiling range:	76 °C.
> Flammability	
Flammability (solid, gas):	Not stated.
> Lower and upper explosion limit	
Explosive properties, lower explosivity limit (%):	Not stated.
Explosive properties, upper explosivity limit (%):	Not stated.
Flash point	
Flash Point :	14.00 °C.
Auto-ignition temperature	
Self-ignition temperature :	Not relevant.
Decomposition temperature	
Decomposition point/decomposition range:	Not relevant.
> pH	
рН :	Not relevant.
pH (aqueous solution):	Not stated.
> Kinematic viscosity	
Viscosity:	Not stated.
> Solubility	
Water solubility:	Dilutable.
Fat solubility:	Not stated.
> Partition coefficient n-octanol/water (log value)	
Partition coefficient: n-octanol/water:	Not stated.
Vapour pressure	
Vapour pressure (50°C):	Below 110 kPa (1.10 bar).
> Density and/or relative density	
Density:	0.84

|> Relative vapour density

Vapour density: Not stated.

|> 9.2. Other information

VOC (g/l): 728.61

|> 9.2.1. Information with regard to physical hazard classes

No data available.

|> 9.2.2. Other safety characteristics

No data available.

Version 5.1 (04/05/2022) - Page 9/11

Colorex ink: silver - FDS018

>SECTION 10: STABILITY AND REACTIVITY

|> 10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

10.4. Conditions to avoid

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid:

- accumulation of electrostatic charges.
- heating
- heat
- flames and hot surfaces

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form:

- carbon monoxide (CO)
- carbon dioxide (CO2)

>SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Splashes in the eyes may cause irritation and reversible damage

11.1.1. Substances

No toxicological data available for the substances.

11.1.2. Mixture

No toxicological data available for the mixture.

11.2. Information on other hazards

|> Monograph(s) from the IARC (International Agency for Research on Cancer):

 $CAS\ 88\text{-}12\text{-}0: IARC\ Group\ 3: The\ agent\ is\ not\ classifiable\ as\ to\ its\ carcinogenicity\ to\ humans.$

CAS 67-63-0: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans.

CAS 9003-39-8: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans.

CAS 64-17-5: IARC Group 1: The agent is carcinogenic to humans.

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

Version 5.1 (04/05/2022) - Page 10/11

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12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

Codes of wastes (Decision 2014/955/EC, Directive 2008/98/EEC on hazardous waste):

20 01 27 * paint, inks, adhesives and resins containing dangerous substances

15 01 02 plastic packaging

>SECTION 14: TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2021 - IMDG 2020 - ICAO/IATA 2021).

14.1. UN number or ID number

1263

14.2. UN proper shipping name

UN1263=PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)

14.3. Transport hazard class(es)

- Classification :



3

14.4. Packing group

П

14.5. Environmental hazards

.

14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	3	F1	II	3	33	5 L	163 367 640D	E2	2	D/E
							650			1

		3	-	II	5 L	F-E. S-E	163 367	E2	Category B	-
>	IMDG	Class	Z Label	rack gr.	LQ	LIVIS	FIOVIS.		Handling	Segregation
	IMDG	Class	2°Label	Pack gr.	10	EMS	Provis.	EQ	Stowage	Sagragation

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	3	-	II	353	5 L	364	60 L	A3 A72 A192	E2
	3	-	II	Y341	1 L	-	-	A3 A72 A192	E2

Version 5.1 (04/05/2022) - Page 11/11

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For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

>SECTION 15: Regulatory information

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

|> - Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/643 (ATP 16)
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/849 (ATP 17)

- Container information:

The mixture is contained in packaging that does not exceed 125 ml.

Containers to be fitted with a tactile warning of danger (see EC Regulation No. 1272/2008, Annex II, Part 3).

- Particular provisions:

No data available.

15.2. Chemical safety assessment

No data available.

>SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

|> Abbreviations :

REACH: Registration, Evaluation, Authorization and Restriction of Chemical Substances.

UFI: Unique formulation identifier.

STEL : Short-term exposure limit

TWA: Time Weighted Averages

TMP : French Occupational Illness table

TLV : Threshold Limit Value (exposure)

AEV: Average Exposure Value.

ADR: European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

WGK: Wassergefahrdungsklasse (Water Hazard Class).

GHS02 : Flame

PBT: Persistent, bioaccumulable and toxic.

vPvB: Very persistent, very bioaccumulable.

SVHC: Substances of very high concern.

|> Modification compared to the previous version

١	Références	Désignation Référence
	417055	COLOREX 5X45ML ARGENT

Item Numbers: 02237-9335 Page 12 of 12