

Ordinanza del DFI sui materiali e gli oggetti

Modifica del 7 marzo 2008

Il Dipartimento federale dell'interno (DFI)

ordina:

I

L'ordinanza del DFI del 23 novembre 2005¹ sui materiali e gli oggetti è modificata come segue:

Titolo prima dell'art. 26e

Sezione 8b: Inchiostri per imballaggi

Art. 26e Campo d'applicazione

¹ Le disposizioni della presente sezione si applicano agli inchiostri per imballaggi in quanto parte specifica dei materiali e degli oggetti.

² Le disposizioni della presente sezione non si applicano se:

- a. lo strato di inchiostro per imballaggi è in contatto diretto con le derrate alimentari;
- b. la natura dei materiali e oggetti rende impossibile la migrazione delle sostanze degli inchiostri per imballaggi nelle derrate alimentari;
- c. la maculazione delle sostanze o il loro trasferimento mediante una fase gassosa possono essere esclusi.

Art. 26f Definizioni

¹ Gli inchiostri per imballaggi sono preparati di inchiostro e vernice di stampa destinate a essere stampati sulla superficie dei materiali e degli oggetti che non entra in contatto diretto con le derrate alimentari.

² Sono fabbricati a partire da sostanze come leganti, coloranti, pigmenti, plastificanti, solventi, essiccativi nonché altri additivi e sono applicati sui materiali e oggetti con un adeguato procedimento di stampa o verniciatura.

³ Nel loro stato finale gli strati di inchiostro per imballaggi sono costituiti da fini pellicole di inchiostro o di vernice di stampa essiccate o indurite sulla superficie dei materiali e degli oggetti.

¹ RS 817.023.21

Art. 26g Sostanze ammesse

Gli inchiostri per imballaggi possono essere fabbricati soltanto con le sostanze menzionate nell'allegato 1, elenchi I e II, e 6 e rispettando le condizioni ivi stabilite.

Art. 26h Obbligo di annunciare altre sostanze

¹ L'impiego di tutte le altre sostanze che non figurano negli elenchi I e II dell'allegato 1 deve essere annunciato all'UFSP dal responsabile.

² L'annuncio deve essere accompagnato da un dossier che contiene in particolare i seguenti dati:

- a. il grado tossicologico delle sostanze;
- b. le sostanze che possono migrare nelle derrate alimentari o nei liquidi di prova simulanti le derrate alimentari;
- c. i metodi per la determinazione delle sostanze tramite l'analisi delle tracce;
- d. la necessità tecnica di utilizzare la sostanza.

³ L'UFSP fissa le condizioni d'impiego delle sostanze annunciate e informa le autorità di esecuzione dell'annuncio di ogni nuova sostanza.

Art. 26i Requisiti

¹ In condizioni di utilizzazione normali e prevedibili, gli strati d'inchiostro per imballaggi non devono permettere alle sostanze di cui sono costituiti di migrare negli alimenti in proporzioni tali da nuocere alla salute o da modificare in modo inaccettabile la composizione delle derrate alimentari o da deteriorarne le caratteristiche organolettiche.

² Le sostanze di cui al capoverso 1 non devono superare i valori limite di migrazione elencati nell'allegato 6, rispettivamente nell'allegato 1.

³ Gli inchiostri per imballaggi devono essere fabbricati e utilizzati in conformità con le guide per la buona prassi di fabbricazione e di stampa in uso nella professione.

II

1. L'allegato 1 è modificato secondo la versione qui annessa:

Allegato 1

(art. 7, 9 cpv. 2-4, 16 cpv. 3, 26g e 26i cpv. 2)

2. Alla presente ordinanza è aggiunto un nuovo allegato 6 conformemente alla versione qui annessa.

III

Disposizioni transitorie della modifica del 7 marzo 2008

Gli inchiostri per imballaggi di cui alla sezione 8b possono essere importati, fabbricati, etichettati e consegnati ai consumatori secondo il diritto anteriore sino al 31 marzo 2010.

IV

La presente modifica entra in vigore il 1° aprile 2008.

7 marzo 2008

Dipartimento federale dell'interno:
Pascal Couchepin

Allegato 6
(art. 26g e 26i)

Elenco delle sostanze ammesse per la fabbricazione degli inchiostri per imballaggi e requisiti in merito

Spiegazioni relative agli elenchi

Le sostanze che figurano nella parte B degli elenchi non sono state sottoposte a una valutazione scientifica ufficiale e riconosciuta (per esempio dal gruppo scientifico dell'EFSA).

Possono essere utilizzate a condizione che non sia possibile constatare una loro migrazione nelle derrate alimentari o nei simulanti alimentari. La prova può essere fornita da un calcolo del tipo «caso estremo» o con un esperimento pratico.

Le sostanze che figurano nella parte B degli elenchi non devono essere rinvenute in occasione di un controllo della migrazione nelle derrate alimentari nemmeno alla concentrazione minima misurabile con un metodo di analisi valido. Il limite di rilevabilità dipende dalla natura della sostanza; ciò nonostante questo limite espresso in concentrazione non deve in alcun caso superare 0,01 mg/kg di alimento o di simulante alimentare (compresa la tolleranza analitica). Questo limite si applica alla somma delle concentrazioni di un gruppo di composti che possiede un grado tossicologico o una struttura simile (p. es. isomeri).

I. Elenco dei leganti (monomeri)**Parte A: sostanze valutate**

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Acetic acid, vinyl ester	000108-05-4	12
Acrylic acid	000079-10-7	6 (T) s. annex I
Acrylic acid, n-butyl ester	000141-32-2	6 (T) s. annex I
Acrylic acid, ethyl ester	000140-88-5	6 (T) s. annex I
Acrylic acid, methyl ester	000096-33-3	6 (T) s. annex I
Adipic acid	000124-04-9	
1-Amino-3-aminomethyl-3,5,5-trimethyl-cyclohexane	002855-13-2	6
Azelaic acid	000123-99-9	
Benzoic acid	000065-85-0	
2,2-Bis(4-hydroxyphenyl)propane	000080-05-7	0,6
2,2-Bis(4-hydroxyphenyl)propane bis(2,3-epoxypropyl) ether (= BADGE)	001675-54-3	s. annex I list III. 5
1,4-Butanediol	000110-63-4	5
1-Butanol	000071-36-3	
4-tert-Butylphenol	000098-54-4	0,05
Butyraldehyde	000123-72-8	
Caprolactam	000105-60-2	15
Cellulose acetate butyrate	009004-36-8	
Cellulose acetate propionate	009004-39-1	
m-Cresol	000108-39-4	
o-Cresol	000095-48-7	
p-Cresol	000106-44-5	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
2,4-Diamino-6-phenyl-1,3,5-triazine	000091-76-9	QMA = 5 mg/6 dm ²
Diethyleneglycol	000111-46-6	30 (T) w. Ethyleneglycol
2,2-Dimethyl-1,3-propanediol	000126-30-7	0,05
Diphenylmethane 4,4"-diisocyanate	000101-68-8	QM (T) = 1 mg/kg (e.a. all NCO groups)
Epichlorohydrin	000106-89-8	QM = 1 mg/kg in FP
Ethylcellulose	009004-57-3	
Ethylenediamine	000107-15-3	12
Ethyleneglycol	000107-21-1	30 (T) w. Diethyleneglycol
Formaldehyde	000050-00-0	15
Fumaric acid	000110-17-8	
Glycerol	000056-81-5	
Hexamethylenediamine	000124-09-4	2,4
1,6-Hexanediol	000629-11-8	0,05
Isobutyl vinyl ether	000109-53-5	QM = 5 mg/kg in FP
1-Isocyanato-3-isocyanatomethyl-3,5,5-trimethyl-cyclohexane	004098-71-9	QM (T) = 1 mg/kg (e.a. all NCO groups)
Isophthalic acid	000121-91-5	5
Linseed oil	008001-26-1	
Maleic acid	000110-16-7	30 (T) w. Maleic anhydride
Maleic anhydride	000108-31-6	30 (T) w. Maleic acid (e.a. Maleic acid)
Methacrylic acid	000079-41-4	6 (T) s. annex 1
Methacrylic acid, butyl ester	000097-88-1	6 (T) s. annex 1
Methacrylic acid, ethyl ester	000097-63-2	6 (T) s. annex 1
Methacrylic acid, methyl ester	000080-62-6	6 (T) s. annex 1
Methanol	000067-56-1	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
alpha-Methylstyrene	000098-83-9	0,05
Nitrocellulose	009004-70-0	
Palmitic acid	000057-10-3	
Pentaerythritol	000115-77-5	
Phenol	000108-95-2	
Phthalic anhydride	000085-44-9	
Polyethyleneglycol	025322-68-3	
Polypropyleneglycol	025322-69-4	
1,2-Propanediol	000057-55-6	
Rosin	008050-09-7	
Rosin, ester with glycerol	008050-31-5	
Rosin, ester with pentaerythritol	008050-26-8	
Soybean oil	008001-22-7	
Styrene	000100-42-5	
Sunflower oil	08001-21-6	7,5
Terephthalic acid	000100-21-0	QM (T) = 1 mg/kg (e.a.all NCO groups)
Toluene diisocyanate	026471-62-5	30
2,4,6-Triamino-1,3,5-triazine	000108-78-1	6
1,1,1-Trimethylolpropane	000077-99-6	
Urea	000057-13-6	
Vinyl chloride	000075-01-4	ND (DL = 0,01 mg/kg) or QM = 1 mg/kg in FP

Parte B: sostanze non valutate

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Acetophenone	000098-86-2	
Acrylic acid, diester with dipropylene glycol	057472-68-1	
Acrylic acid, diester with polyethylene glycol	026570-48-9	
Acrylic acid, diester with tripropylene glycol	068901-05-3 042978-66-5	
2,2-Bis(4-hydroxyphenyl)propane-epichlorohydrin copolymer diacrylate	053814-24-7	
p-Cresol, styrenated		
Cyclohexanone	000108-94-1	
1,3-Cyclopentadiene	000542-92-7	
Dicyclopentadiene	000077-73-6	
Drying oils		
Drying oil acids		
Epoxides, cycloaliphatic		
Ethyl vinyl ether		
Hexahydrophthalic acid	000109-92-2	
Hexahydrophthalic anhydride	001687-30-5	
Methacrylic acid, 2-ethylhexyl ester	000085-42-7	
Methyl vinyl ether	000688-84-6	
Pentaerythritol ethoxylate tetraacrylate	000107-25-5	
1,1,1-Trimethylolpropane triacrylate	051728-26-8	
Vegetable oil acids, dimers	015625-89-5	

II. Lista degli additivi

Parte A: sostanze valutate

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Acetic acid, butyl ester	000123-86-4	
Acetic acid, ethyl ester	000141-78-6	
Acetone	000067-64-1	
Adipic acid, bis(2-ethylhexyl) ester	000103-23-1	18
Alkyl(C8-C22)sulphonic acid		6
Aluminium hydroxide	021645-51-2	
Ammonia	007664-41-7	
Benzoic acid	000065-85-0	
Benzoic acid, butyl ester	000136-60-7	
Benzyl alcohol	000100-51-6	
Bis(4-aminocyclohexyl)methane	001761-71-3	0,05
2,5-Bis(5-tert-butyl-2-benzoxazolyl)thiophene	007128-64-5	0,6
1-Butanol	000071-36-3	
Calcium hydroxide	001305-62-0	
Caprylic acid	000124-07-2	
Carbonic acid, calcium salt	000471-34-1	
Carboxymethylcellulose, sodium salt	009004-32-4	
Castor oil	008001-79-4	
Cellulose acetate butyrate	009004-36-8	
Citric acid	000077-92-9	
Citric acid, triethyl ester	000077-93-0	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Dextrin	009004-53-9	
2,6-Di-tert-butyl-p-cresol (= BHT)	000128-37-0	3
Diethyleneglycol	000111-46-6	30 (T) w. Ethyleneglycol
Diethyleneglycol monobutyl ether	000112-34-5	3 (T) sum with CAS 000111-90-0 and CAS 000111-76-2
Diethyleneglycol monoethyl ether	000111-90-0	3 (T) sum with CAS 000112-34-5 and CAS 000111-76-2
Dimethylaminoethanol	000108-01-0	18
Di-n-octyltin bis(2-ethylhexyl mercaptoacetate)	015571-58-1	0,006 (e.a. Sn)
Dipropyleneglycol	025265-71-8	
Dodecylbenzenesulphonic acid	027176-87-0	30
Erucamide	000112-84-5	
Ethanol	000064-17-5	
Ethylcellulose	009004-57-3	
Ethylenediaminetetraacetic acid	000060-00-4	
Ethyleneglycol	000107-21-1	30 (T) w. Diethyleneglycol
Ethyleneglycol monobutyl ether	000111-76-2	3 (T) sum with CAS 000112-34-5 and CAS 000111-90-0
Glycerol	000056-81-5	
Glycerol diacetate	025395-31-7	
Glycerol dioleate	025637-84-7	
Glycerol monooleate	025496-72-4	
Glycerol monoricinoleate	001323-38-2	
Glycerol triacetate	000102-76-1	
Glycerol tributyrate	000060-01-5	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Glycerol trioleate	000122-32-7	
Glycerol tris(12-hydroxystearate)	000139-44-6	
Hexadecanol	036653-82-4	
Hydroxyethylcellulose	009004-62-0	
Hydroxyethylmethylcellulose	009032-42-2	
2-(2"-Hydroxy-5"-methylphenyl)benzotriazole	002440-22-4	30
12-Hydroxystearic acid	000106-14-9	
Kaolin	001332-58-7	
Lactic acid, butyl ester	000138-22-7	
Lignosulphonic acid	008062-15-5	0,24
Linoleic acid, manganese salt	006904-78-5	0,6 (T) (e.a. all Mn salis)
Linseed oil	008001-26-1	
Magnesium oxide	001309-48-4	
Maleic acid	000110-16-7	30 (T) come Maleic anhydride
Methylcellulose	009004-67-5	
Methyl ethyl ketone	000078-93-3	5
Methylhydroxypropylcellulose	009004-65-3	5
Methyl isobutyl ketone	000108-10-1	
2-Methyl-4-isothiazolin-3-one	002682-20-4	ND (DL = 0,02 mg/kg a.t.i.)
Monoethanolamine	000141-43-5	0,05
Mono-n-octyltin tris(2-ethylhexyl mercaptoacetate)	027107-89-7	1,2 (e.a. Sn)
Neodecanoic acid, cobalt(II) salt	052270-44-7	0,05 (T) (e.a. all Co salts)
Nitrocellulose	009004-70-0	0,05 (e.a. Neodecanoic acid)

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
1-Octadecanol	000112-92-5	
n-Octanoic acid, cobalt salt	006700-85-2	0,05 (T) (e.a. all Co salts)
n-Octanoic acid, manganese salt	006535-19-9	0,6 (T) (e.a. all Mn salts)
Oleamide	000301-02-0	
Oleic acid	000112-80-1	
Palmitic acid	000057-10-3	
Pentaerythritol tetrakis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate]	006683-19-8	
Phosphoric acid, diphenyl 2-ethylhexyl ester	001241-94-7	2,4
Phthalic acid, dibutyl ester	000084-74-2	0,3
Phthalic acid, diesters with primary, saturated C8-C10 branched alcohols containing more than 60% C9		9 (T) w. C9-C11 esters
Phthalic acid, diesters with primary, saturated C9-C11 branched alcohols containing more than 90% C10		9 (T) w. C8-C10 esters
Polydimethylsiloxane	009016-00-6	
	063148-62-9	
Polyethyleneglycol	025322-68-3	
Polyethyleneglycol dioleate	009005-07-6	
Polyethyleneglycol monoalkyl(C16-C18) ether	068439-49-6	0,05
Polyethyleneglycol sorbitan trioleate	009005-70-3	
Polyethylene wax	009002-88-4	
Polypropyleneglycol	025322-69-4	
1,2-Propanediol	000057-55-6	
1-Propanol	000071-23-8	
2-Propanol	000067-63-0	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Resin acids and rosin acids	073138-82-6	
Rosin	008050-09-7	
Rosin, hydrogenated	065997-06-0	
Rosin, hydrogenated, ester with glycerol	065997-13-9	
Rosin, hydrogenated, ester with methanol	008050-15-5	
Rosin tall oil	008052-10-6	
Sebacic acid, dibutyl ester	000109-43-3	
Silicic acid, aluminium salt	001335-30-4	
Silicic acid, aluminium sodium salt	001344-00-9	
Silicon dioxide	007631-86-9	
Sodium aluminate	001302-42-7	
Sorbitan monooleate	001338-43-8	
Sorbitan monopalmitate	026266-57-9	
Soybean oil	008001-22-7	
Soybean oil, epoxidized	008013-07-8	
Stearic acid	000057-11-4	
Stearic acid, manganese salt	003353-05-7	0,6 (T) (e.a. all Mn salts)
Sucrose acetate isobutyrate	000126-13-6	
Sulphuric acid	007664-93-9	
Sulphuric acid, barium salt	007727-43-7	1 (e.a. Ba)
Talc	014807-96-6	
Tetrahydrofuran	000109-99-9	0,6
Thiodipropionic acid, didodecyl ester	000123-28-4	5
Titanium dioxide	013463-67-7	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
1-Tridecanol	000112-70-9	
Triethyleneglycol	000112-27-6	
Tripropyleneglycol	024800-44-0	
Urea	000057-13-6	
Waxes, refined, derived from petroleum based or synthetic hydrocarbon feedstocks		s.annex I list III. 14

Parte B: sostanze non valutate

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Abietic acid, 2-hydroxy-3-sulphopropyl ester, sodium salt	071328-93-3	
Abietic acid, fumaric acid adduct, polymer with glycerol	068214-33-5	
Abietic acid, fumaric acid adduct, polymer with pentaerythritol	068214-32-4	
Abietic acid, fumaric acid adduct, polymer with glycerol	068214-35-7	
Abietic acid, maleic anhydride adduct, polymer with pentaerythritol	068214-18-6	
Abietic acid, methyl ester	000127-25-3	
Acetic acid, ethoxyisopropyl ester	054839-24-6	
Acetic acid, isobutyl ester	000110-19-0	
Acetic acid, isopropyl ester	000108-21-4	
Acetic acid, 2-methoxyisopropyl ester	000108-65-6	
Acetic acid, propyl ester	000109-60-4	
Acetylricinoleic acid, butyl ester	000140-04-5	
Acetylricinoleic acid, methyl ester	000140-03-4	
Acids, fatty, C6–C19, branched, cobalt(II) salts	068409-81-4	
Acids, fatty, C14–C18	067701-02-4	
Acids, fatty, C14–C18 and C16–C18 unsaturated	067701-06-8	
Acids, fatty, C14–C18 and C16–C18 unsaturated, esters with ethyleneglycol	085736-49-8	
Acids, fatty, C16–C18 and C18 unsaturated, esters with sorbitol	085186-88-5	
Acids, fatty, C18, butyl esters	068154-28-9	
Acrylamide – acrylic acid – ammonium acrylate, copolymer	063117-82-8	
Acrylamide – acrylonitrile – ethyl acrylate, copolymer	029300-12-7	
Acrylic acid – ethyl acrylate – methyl methacrylate, copolymer	025135-39-1	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Acrylic acid – styrene, copolymer	025085-34-1	
Acrylonitrile – butadiene – itaconic acid - styrene, copolymer	029383-53-7	
Adipic acid, benzyl 2-ethylhexyl ester	058394-64-2	
Adipic acid, benzyl octyl ester	003089-55-2	
Alcohols, C11–C14-iso, C13-rich	068526-86-3	
Alkyl(C10–C13)benzene	067774-74-7	
Alkyl(C10–C16)benzyltrimethylammonium chloride	068989-00-4	
Alkyl(C12–C14)dimethylbetaines	066455-29-6	
Alkyl(C12–C18)sulphuric acid, sodium salt	068955-19-1	
3-Aminobutyric acid, N-coco alkyl derivatives	068649-05-8	
2-Amino-2-methyl-1-propanol	000124-68-5	
1,2-Benzisothiazolin-3-one	002634-33-5	
Benzoic acid - ethylene oxide - formaldehyde - 4-nonylphenol - disodium sulphosuccinate, copolymer	104133-71-3	
1,4-Bis(3-aminopropyl)piperazine	007209-38-3	
4,4'-Bis[[1-[(2,4-dimethylphenyl)amino]carbonyl]-2-oxopropyl]azo]-1,1'-biphenyl-2,2'-disulphonic acid	078952-69-9	
1, 3-Bis[(2-ethylhexyl)oxy]propane-2-sodium sulphate	062174-79-2	
2, 3-Bis[(2-ethylhexyl)oxy]propane-1-sodium sulphate	083721-45-3	
Bis(hydrogenated tallow alkyl)dimethylammonium chloride	061789-80-8	
N,N-Bis(2-hydroxyethyl)(cocoalkyl)amine	061791-31-9	
N, N -Bis(2-hydroxyethyl)oleamide	000093-83-4	
N,N-Bis(2-hydroxyethyl)(tallow alkyl)amine	061791-44-4	
Bis(isopropoxy)aluminium mono(acetylacetonate)	016324-24-6	
Bis(isopropoxy)titanium bis(acetylacetonate)	017927-72-9	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Bis(phenoxyethyl)formal	013879-32-8	
N,N-Bis(polyoxyethylene)oleylamine	026635-93-8	
2-Butanol	000078-92-2	
1-Butoxy-2-propanol	005131-66-8	
N-Butylbenzenesulphonamide	003622-84-2	
N-Butyl-p-toluenesulphonamide	001907-65-9	
p-tert-Butylbenzoic acid	000098-73-7	
2-Butylidrodquinone	004197-69-7	
Butyraldehyde – vinyl acetate – vinyl alcohol, copolymer	068648-78-2	
gamma-Butyrolactone	000096-48-0	
Carbamic acid, butyl ester	000592-35-8	
Castor oil, sulphated	008002-33-3	
Castor oil, sulphated, ammonium salt	068187-77-9	
Castor oil, sulphated, sodium salt	068187-76-8	
Castor oil, sulphurized	068604-22-8	
5-Chloro-2-methyl-4-isothiazolin-3-one	026172-55-4	
Citric acid, tricyclohexyl ester	004132-10-9	
Citric acid, triisopentyl ester	001793-10-8	
Coco alkyl amines	061788-46-3	
(Coco alkyl)dimethyl amines	061788-93-0	
(Coco alkyl)dimethyl amines, N-oxides	061788-90-7	
(Coco alkyl)trimethylammonium chloride	061789-18-2	
Coconut oil fatty acid amide	061789-19-3	
Coconut oil fatty acid N-[3-(dimethylamino)-propion-amide]	068140-01-2	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Coconut oil fatty acid monoethanolamide	068140-00-1	
Coconut oil fatty acid monoethanolamide, ethoxylated	068425-44-5	
Copper (phthalimidomethyl)phthalocyanine	042739-64-0	
Copper phthalocyanine, sulphonated	068037-36-5	
Copper phthalocyanine, sulphonated, compound with dodecylamine	073455-75-1	
Crotonic acid - vinyl acetate, copolymer	025609-89-6	
Cyanamide, reaction products with carbon dioxide, ethylene oxide and octadecyl amine	070693-20-8	
Cyclohexane	000110-28-7	
N-Cyclohexyl-p-toluenesulphonamide	000080-30-8	
2-Decyl-1-hydroxyethyl-2-imidazoline	046911-70-0	
Dehydroabietylamine	001446-61-3	
Dibutylinaphthalenesulphonic acid, sodium salt	025417-20-3	
Diethyldiphenylurea	000085-98-3	
Diethyleneglycol dibenzoate	000120-55-8	
Diethyleneglycol dipelargonate	000106-01-4	
Diethyleneglycol monohexyl ether	000112-59-4	
Diethyleneglycol monomethyl ether	000111-77-3	
Dihydroabietic acid, methyl ester	067893-02-1	
Dihydroabietyl alcohol	026266-77-3	
2,2-Dimethoxy-2-phenylacetophenone	024650-42-8	
4-Dimethylaminobenzoic acid, ethyl ester	010287-53-3	
Dimethyl(cocoalkyl)benzylammonium chloride	061789-71-7	
Dimethyldioctadecylammonium chloride	000107-64-2	
3,5-Dimethylhexyn-3-ol	000107-54-0	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
1,6-Dimethylnaphthalenesulphonic acid, sodium salt - formaldehyde, copolymer	082199-01-7	
2,2-Dimethyl-1,3-propanediol dibenzoate	004196-89-8	
N,N-Dimethyltetradecylamine N-oxide	003332-27-2	
Dipropyleneglycol monomethyl ether	034590-94-8	
Distillates (petroleum), acid-treated middle	064742-13-8	
Distillates (petroleum), hydrotreated heavy naphthenic	064742-52-5	
Distillates (petroleum), hydrotreated heavy paraffinic	064742-54-7	
Distillates (petroleum), hydrotreated light	064742-47-8	
Distillates (petroleum), hydrotreated light paraffinic	064742-55-8	
Distillates (petroleum), solvent-dewaxed light paraffinic	064742-56-9	
Distillates (petroleum), solvent-refined heavy naphthenic	064741-96-4	
Distillates (petroleum), solvent-refined heavy paraffinic	064741-88-4	
Distillates (petroleum), solvent-refined middle	064741-91-9	
N,N'-Diallow alkyl[[1,2-ethanediy]bis(imino-3,1-propane-diy)]-diamines, ethoxylated propoxylated	109037-68-5	
n-Dodecylamine	000124-22-1	
1-Ethoxy-2-propanol	001569-02-4	
3-Ethoxypropionic acid, ethyl ester	000763-69-9	
Ethylenediamine – ethylene oxide – propylene oxide, copolymer	052503-47-6	
Ethylene oxide – formaldehyde – nonylphenol, copolymer	055845-06-2	
2-Ethylhexanoic acid	000149-57-5	
2-Ethylhexanoic acid, calcium salt	000136-51-6	
2-Ethylhexanoic acid, cerium salt	024593-34-8	
2-Ethylhexanoic acid, cobalt(II) salt	000136-52-7	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
2-Ethylhexanoic acid, manganese salt	015956-58-8	
2-Ethylhexanoic acid, rare earth salts	061788-37-2	
2-Ethylhexanoic acid, zirconium salt	022464-99-9	
2-Ethylhexyl epoxystearate	029759-19-1	
N-Ethyl-o-toluenesulphonamide	001077-56-1	
N-Ethyl-p-toluenesulphonamide	000080-39-7	
N-Ethyltoluenesulphonamide	008047-99-2	
Formaldehyde – naphthalenesulphonic acid, copolymer, sodium salt	009084-06-4	
Formaldehyde – 2-naphthalenesulphonic acid, copolymer, sodium salt	036290-04-7	
Formaldehyde, reaction products with branched nonylphenol and cyclohexylamine, ethoxylated	104376-68-3	
Formaldehyde – toluenesulphonamide, copolymer	001338-51-8	
Fumaric acid, dibutyl ester	000105-75-9	
Furfural	000098-00-0	
Glutaric acid, dimethyl ester	001119-40-0	
Glycerol – pentaerythritol – phthalic anhydride, copolymer	061215-87-0	
Glycerol tribenzoate	000614-33-5	
Glycerol triricinoleate	002540-54-7	
2-(8-Heptadecenyl)-2-imidazoline-1-ethanol	000095-38-5	
Hexadecyltrimethylammonium chloride	000112-02-7	
Heptane, branched and linear	092045-32-4	
N,N,N',N',N'',N''-Hexakis(methoxymethyl)-2,4,6-triamino-1,3,5-triazine	003089-11-0	
Hexyleneglycol	000107-41-5	
4-Hydroxybenzoic acid, 2-ethylhexyl ester	005153-25-3	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
1 -Hydroxyethane-1, 1 -diphosphonic acid	002809-21-4	
N-Hydroxy-N-methylethanolamine	034375-28-5	
4-Hydroxy-4-methyl-2-pentanone	000123-42-2	
Isobutanol	000078-83-1	
Isobutyl vinyl ether - vinyl chloride, copolymer	025154-85-2	
Isobutyric acid, diester with 2,2,4-trimethyl-1,3-pentamediol	006846-50-0	
Isobutyric acid, monoester with 2,2,4-trimethyl-1,3-pentamediol	025265-77-4	
Isononanoic acid, calcium salt	053988-05-9	
Isooctanoic acid, calcium salt	084777-61-7	
Isophorone	000078-59-1	
2-Isopropoxy-1-propanol	003944-37-4	
2-Isopropylthioxanthone	005495-84-1	
Isotridecano	027458-92-0	
Kerosine (petroleum), hydrosulphurized	064742-81-0	
Lactic acid, ethyl ester	000097-64-3	
Lactic acid, isopropyl ester	063697-00-7	
Lignosulphonic acid, sodium salt, sulphomethylated	068512-34-5	
Linseed oil, epoxidized	008016-11-3	
Linseed oil, mafeated, monoethyl ester, ammonium salt	091722-72-4	
Linseed oil, polymerized	067746-08-1	
Linseed oil, polymer with adipic acid, isophthalic acid and trimethylolpropane	068458-91 3	
Maleic acid, dibutyl ester	000105-76-0	
Maleic acid, diisobutyl ester	014234-82-3	
Maleic acid, diisooctyl ester	001330-76-3	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Maleic acid, dioctyl ester	002915-53-9	
Maleic anhydride – pentaerythritol – phthalic anhydride, copolymer	038638-76-5	
Menhaden oil, polymerized, oxidized	068440-42-6	
3-Methoxy-1-butanol	002517-43-3	
4-Methoxy-4-methyl-2-pentanone	000107-70-0	
1-Methoxy-2-propanol	000107-98-2	
2-Methylcyclohexanone	000583-60-8	
N-Methyl-N-oleoyltaurine, sodium salt	000137-20-2	
N-Methylpyrrolidone	000872-50-4	
N-Methyl-N-(2-sulphoethyl)cocoacylamines, sodium salt	061791-42-2	
Naphtha (petroleum), heavy alkylate	064741-65-7	
Naphtha (petroleum), hydrodesulphurized heavy	064742-82-1	
Naphtha (petroleum), hydrotreated heavy	064742-48-9	
Naphtha (petroleum), hydrotreated light	064742-49-0	
Naphthenic acids, calcium salts	061789-36-4	
Naphthenic acids, cobalt salts	061789-51-3	
Naphthenic acid, manganese salts	001336-93-2	
Neodecanoic acid, zirconium salt	039049-04-2	
Nitritolriacetic acid, trisodium salt	005064-31-3	
N-Octyl-2-pyrrolidinone	002687-94-7	
Oleamine	000112-90-3	
Oleic acid, butyl ester	000142-77-8	
Oleic acid, copper salt	010402-16-1	
Oleic acid, heptyl ester	042254-63-7	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Oleic acid, 2-sulphoethyl ester, sodium salt	000142-15-4	
Oleic acid, tetrahydrofurfuryl ester	005420-17-7	
Oleyl ammonium acetate	010460-00-1	
N-Oleyl-1,3-diaminopropane	007173-62-8	
Palmitic acid, hexadecyl ester	000540-10-3	
Paraffin oil	008012-95-1	
Paraffins (petroleum), n-C5-C20	064771-72-8	
Pentaerythritol monoricinoleate	000078-22-8	
Pentaerythritol tetrabenzoate	004196-86-5	
Petroleum hydrocarbon resins	064742-16-1	
Phenothiazine	000092-84-2	
Phosphoric acid, diphenyl isodecyl ester	029761-21-5	
Phosphoric acid, triethyl ester	000078-40-0	
Phosphoric acid, triisobutyl ester	000126-71-6	
Phosphoric acid, tris(2-ethylhexyl) ester	000078-42-2	
Phosphorous acid, triphenyl ester	000101-02-0	
Phthalic acid, mixed esters with ethyl glycolate and methanol	000085-71-2	
Polyacrylic acid	009003-01-4	
Polyacrylic acid, ammonium salt	009003-03-6	
Polyacrylic acid, sodium salt	009003-04-7	
Polyesters of polyhydric alcohols	063148-69-6	
Polyethyleneglycol alkyl(C12-C14) ether, sodium sulphate	068891-38-3	
Polyethyleneglycol bis(1-phenylethyl)phenyl ether	009086-52-6	
Polyethyleneglycol cocoamine	061791-14-8	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Polyethyleneglycol dimonylphenyl ether	009014-93-1	
Polyethyleneglycol ethers of C12-C14 alcohols	068439-50-9	
Polyethyleneglycol ethers of alcohols, C16-C18 and C18 unsaturated	068920-66-1	
Polyethyleneglycol ethers of C12-C14 alcohols, phosphates	068511-37-5	
Polyethyleneglycol ethers of C10-C16 alcohols, sodium sulphates	068585-34-2	
Polyethyleneglycol ether of 2,2-bis(4-hydroxyphenyl)-propane		
Polyethyleneglycol ethers of N-(tallow alkyl)-trimethylenediamines	061790-85-0	
Polyethyleneglycol ether of tallow fatty alcohol	061791-28-4	
Polyethyleneglycol hexadecyl ether	009004-95-9	
Polyethyleneglycol isotridecyl ether	009043-30-5	
Polyethyleneglycol nonylphenyl ether	009016-45-9	
Polyethyleneglycol 4-nonylphenyl ether	026027-38-3	
Polyethyleneglycol nonylphenyl ether, ammonium salt	009051-57-4	
Polyethyleneglycol nonylphenyl ether, branched	068412-54-4	
Polyethyleneglycol nonylphenyl phosphate	051811-79-1	
Polyethyleneglycol octylphenyl ether	009002-93-1	
	009036-19-5	
	026636-37-3	
	109909-39-9	
	073297-33-3	
	070559-25-0	
	009002-98-6	
	068130-97-2	
	009003-11-6	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Poly(ethylene propylene)glycol ethers of C12-C15 alcohols	068551-13-3	
Poly(ethylene propylene)glycol ether of ethylenediaminetetraopropanol	011111-34-5	
Poly(ethylene propylene)glycol monobutyl ether	009038-95-3	
Poly(12-hydroxystearic acid)	027924-99-8	
Poly(12-hydroxystearic acid), calcium salt	068071-29-4	
Poly(2-methyl-1,3-butadiene), phenol-modified	009057-91-4	
Polypropylene glycol – toluene diisocyanate, copolymer		
Polyurethanes		
Polyvinyl acetate	009003-20-7	
Polyvinylbutyral	063148-65-2	
Poly(vinyl ethyl ether)	025104-37-4	
Propylene carbonate	000108-32-7	
Propylene glycol monobutyl ether	029387-86-8	
1,2-Propylene glycol monoricinoleate	026402-31-3	
Resin acids and rosin acids, barium salts	068188-14-7	
Resin acids and rosin acids, hydrogenated, calcium salts	068554-12-1	
Resin acids and rosin acids, polymerised, glycerol esters	068475-37-6	
Resin acids and rosin acids, strontium salts	068152-78-3	
Ricinoleic acid, butyl ester	000151-13-3	
Ricinoleic acid, 2-hydroxyethyl ester	000106-17-2	
Ricinoleic acid, methyl ester	000141-24-2	
Rosin amines	061790-47-4	
Rosin, dimerized, calcium salt	068648-50-0	
Rosin, disproportionated	008050-09-7	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Rosin, ethoxylated, ammonium salt	065997-04-8	
Rosin, fumarated	068201-58-1	
Rosin, fumarated, polymer with formaldehyde	065997-11-7	
Rosin, fumarated, polymer with pentaerythritol	068333-69-7	
Rosin, maleated, polymer with pentaerythritol	008050-28-0	
Rosin, polymerized	065997-05-9	
Rosin, polymer with 2,2-bis(4-hydroxyphenyl)propane and formaldehyde	068152-68-1	
Rosin, polymer with formaldehyde	065997-07-1	
Rosin, reaction products with acrylic acid	083137-13-7	
Sebacic acid, bis(2-ethylhexyl) ester	000122-62-3	
Solvent naphtha (petroleum), heavy aliphatic	064742-96-7	
Solvent naphtha (petroleum), light aliphatic	064742-89-8	
Solvent naphtha (petroleum), medium aliphatic	064742-88-7	
Sorbitol tetraoleate	052551-46-9	
Sorbitol trioleate	001333-71-7	
Soybean oil, polymer with isophthalic acid and pentaerythritol	066071-86-1	
Soybean oil, polymer with isophthalic acid and trimethyl-olpropane	067700-65-6	
Soybean oil, polymer with pentaerythritol and phthalic anhydride	066070-60-8	
Stearic acid, butyl ester	000123-95-5	
Stearic acid, cerium salt	010119-53-6	
Stearic acid, isobutyl ester	000646-13-9	
Stearic acid, reaction products with diethylenetriamine, dimethyl sulphate-quaternized	090459-62-4	
Succinic acid, dimethyl ester	000160-65-0	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
Sacrose benzoate	012738-64-6	
Sulphonic acids, petroleum, sodium salts	068608-26-4	
Sulphosuccinic acid, bis(2-ethylhexyl) ester, sodium salt	000577-11-7	
Tall oil fatty acids, compounds with N-oley-1,3-diaminopropane	091845-13-5	
Tall oil fatty acids, epoxidized, 2-ethylhexyl esters	061789-01-3	
Tall oil fatty acids, epoxidized, octyl esters	061788-72-5	
Tall oil fatty acids, 2-ethylhexyl esters	068334-13-4	
Tall oil fatty acids, isoocetyl esters	068333-78-8	
Tall oil fatty acids, polymers with isophthalic acid, pentaerythritol and tall oil	068410-37-7	
Tallow alkyl amides, hydrogenated	061790-31-6	
Tallow alkyl amines	061790-33-8	
Tallow alkyl amines, hydrogenated	061788-45-2	
N-(Tallow alkyl)trimethylenediamine	061791-55-7	
Terephthalic acid, polymer with 2,2-dimethyl-1,3-propanediol, dodecanedioic acid, 1,6-hexanediol and trimethylolpropane	067875-36-9	
1-Tetradecanol phosphate	069029-24-9	
Tetraethyleneglycol bis(2-ethylhexanoate)	018268-70-7	
Tetraethyleneglycol diheptanoate	070729-68-9	
2,4,7,9-Tetramethyl-5-decyne-4,7-diol	000126-86-3	
2,5,8,11-Tetramethyl-6-dodecyne-5,8-diol	068227-33-8	
o-Toluenesulphonamide	000088-19-7	
p-Toluenesulphonamide	000070-55-3	
Toluenesulphonamide	001333-07-9	
p-Toluenesulphonic acid	000104-15-4	

1 Designazione	2 n. CAS	3 Valore limite di migrazione (mg/kg)
p-Toluenesulphonic acid, ethyl ester	000080-40-0	
Tributyl acetylacrylate	000077-90-7	
Triethanolamine	000102-71-6	
Triethanolamine monooleate	010277-04-0	
Triethyl acetylacrylate	000077-89-4	
Triethyleneglycol bis(2-ethylhexanoate)	000094-28-0	
Triethyleneglycol diacetate	000111-21-7	
Triethyleneglycol dibenzoate	000120-56-9	
Triethyleneglycol dihexanoate	025176-75-4	
Triethyleneglycol dioctanoate	000106-10-5	
Triethyleneglycol dipelargonate	000106-06-9	
Triethyleneglycol, mixed diesters with decanoic acid and octanoic acid	068583-52-8	
Trimellitic acid, triheptyl ester	001528-48-9	
Trimellitic acid, trisodecyl ester	036631-30-8	
Trimellitic acid, triisononyl ester	053894-23-8	
Trimellitic acid, trioctyl ester	000089-04-3	
Tripropyleneglycol monomethyl ether	025498-49-1	
Vinyl acetate – vinyl chloride, copolymer	009003-22-9	
Waxes (paraffinic), refined, derived from petroleum based or synthetic hydrocarbon feedstocks		
White mineral oil	008042-47-5	
Zirconium oxide	001314-23-4	

III. Elenco dei coloranti e pigmenti

Parte A: sostanze valutate

1 Designazione	2 n. Cas	3 n. C.I.	4 Valore limite di migrazione (mg/kg)
Disperse Yellow 54	007576-65-0	47020	
Solvent Green 3	000128-80-3	61565	
Solvent Red 111	000082-38-2	60505	
Solvent Red 135	020749-68-2	564120	
Solvent Violet 13	000081-48-1	60725	
Solvent Yellow 93	004702-90-3	48160	
Pigment Black 7	001333-86-4	77266	
Pigment Black 11	012227-89-3	77499	
Pigment Blue 15	000147-14-8	74160	
Pigment Blue 15:1	000147-14-8	74160	
Pigment Blue 15:2	000147-14-8	74160	
Pigment Blue 15:3	000147-14-8	74160	
Pigment Blue 15:4	000147-14-8	74160	
Pigment Blue 15:6	000147-14-8	74160	
Pigment Blue 16	000574-93-6	74100	
Pigment Blue 27	014038-43-8	77510	
Pigment Blue 29	057455-37-5	77007	
Pigment Blue 60	000081-77-6	69800	
Pigment Brown 23	035869-64-8	20060	
Pigment Green 7	001328-53-6	74260	
Pigment Green 37	001330-37-6	74255	

1 Designazione	2 n. C.I.S.	3 n. C.I.	4 Valore limite di migrazione (mg/kg)
Pigment Metal 1	007429-90-5	77000	
Pigment Metal 2	007440-50-8	77400	
Pigment Orange 5	003468-63-1	12075	
Pigment Orange 36	012236-62-3	11780	
Pigment Orange 43	004424-06-0	71105	
Pigment Orange 64	072102-84-2	12760	
Pigment Orange 71	084632-50-8	561200	
Pigment Red 2	006041-94-7	12310	
Pigment Red 3	002425-85-6	12120	
Pigment Red 4	002814-77-9	12085	
Pigment Red 5	006410-41-9	12490	
Pigment Red 12	006410-32-8	12385	
Pigment Red 48:2	007023-61-2	15865:2	
Pigment Red 48:3	015782-05-5	15865:3	
Pigment Red 49:2	001103-39-5	15630:2	
Pigment Red 52:1	017852-99-2	15860:1	
Pigment Red 57:1	005281-04-9	15850:1	
Pigment Red 101	001309-37-1	77491	
Pigment Red 112	006535-46-2	12370	
Pigment Red 122	016043-40-6	73915	
Pigment Red 144	005280-78-4	20735	
Pigment Red 146	005280-68-2	12485	
Pigment Red 149	004948-15-6	71137	
Pigment Red 166	003905-19-9	20730	

1 Designazione	2 n. Cas	3 n. C.I.	4 Valore limite di migrazione (mg/kg)
Pigment Red 170	002786-76-7	12475	
Pigment Red 181	002379-74-0	73360	
Pigment Red 202	003089-17-6	73907	
Pigment Red 208	031778-10-6	12514	
Pigment Red 214	082643-43-4	—	
Pigment Red 242	052238-92-3	20067	
Pigment Red 264	088949-33-1	561300	
Pigment Violet 19	001047-16-1	73900	
Pigment Violet 23	006358-30-1	51319	
Pigment Violet 32	012225-08-0	12517	
Pigment Violet 37	057971-98-9	51345	
Pigment Violet 38	002379-75-1	73395	
Pigment White 5	001345-05-7	77115	
Pigment White 6	013463-67-7	77891	
Pigment White 21	007727-43-7	77120	
Pigment White 24	001332-73-6	77002	
Pigment White 25	010101-41-4	77231	
Pigment Yellow 1	002512-29-0	11680	
Pigment Yellow 3	006486-23-3	11710	
Pigment Yellow 16	005979-28-2	20040	
Pigment Yellow 42	051274-00-1	77492	
Pigment Yellow 53	008007-18-9	77788	
Pigment Yellow 62	012286-66-7	13940	
Pigment Yellow 93	005580-57-4	20710	

1 Designazione	2 n. Cas	3 n. C.I.	4 Valore limite di migrazione (mg/kg)
Pigment Yellow 95	005280-80-8	20034	
Pigment Yellow 110	005590-18-1	56280	
Pigment Yellow 128	079953-85-8	20037	
Pigment Yellow 138	030125-47-4	56300	
Pigment Yellow 139	036888-99-0	56298	
Pigment Yellow 155	077465-46-4		
Pigment Yellow 180	077804-81-0	21290	

Parte B: sostanze non valutate

1 Designazione	2 n. Cas	3 n. C.I.	4 Valore limite di migrazione (mg/kg)
Acid Blue 1	000129-17-9	42045	
Acid Blue 3	003536-49-0	42051	
Acid Blue 62	004368-56-3	62045	
Acid Blue 317	071872-19-0		
Acid Violet 17	004129-84-4	42650	
Acid Yellow 23	001934-21-0	19140	
Acid Yellow 36	000587-98-4	13065	
Acid Yellow 129	005601-29-6		
Basic Blue 1	003521-06-0	42025	
Basic Blue 3	002787-91-9	51004	
Basic Blue 5	003943-82-6	42140	
Basic Blue 55	003251-84-1	44044	
Basic Red 1	000989-38-8	45160	
Basic Violet 10	000081-88-9	45170	
Basic Violet 11	002390-63-8	45175	
Basic Violet 16	006359-45-1	48013	
Basic Yellow 37	006358-36-7	41001	
Direct Black 19	006428-31-5	35255	
Direct Black 22	006473-13-8	35435	
Direct Blue 86	001330-38-7	74180	
Direct Blue 199	012222-04-7	74190	
Direct Blue 218	028407-37-6	24401	

1 Designazione	2 n. C.I.S.	3 n. C.I.	4 Valore limite di migrazione (mg/kg)
Direct Blue 301	203210-48-4		
Direct Orange 15	001325-35-5	40002/40003	
Direct Orange 102	006598-63-6	29156	
Direct Red 16	006227-02-7	27680	
Direct Red 23	003441-14-3	29160	
Direct Red 81	002610-11-9	28160	
Direct Red 262			
Direct Violet 9	006227-14-1	27885	
Direct Violet 51	005489-77-0	27905	
Direct Yellow 4	003051-11-4	24890	
Direct Yellow 11	001325-37-7	40000	
Direct Yellow 44	008005-52-5	29000	
Direct Yellow 50	003214-47-9	29025	
Direct Yellow 118	067969-87-3	29042	
Direct Yellow 157	072705-26-1	13965	
Disperse Blue 355			
Disperse Blue 359	213328-78-0		
Disperse Orange 25	031482-56-1	11227	
Disperse Red 60	017418-58-5	60756	
Disperse Red 364	000522-75-8	73300	
Disperse Violet 1	000128-95-0	61100	
Disperse Yellow 3	002832-40-8	11855	
Disperse Yellow 82	027425-55-4		
Food Blue 2	003844-45-9	42090	

1 Designazione	2 n. Clas	3 n. C.I.	4 Valore limite di migrazione (mg/kg)
Food Blue 5	003536-49-0	42051	
Food Brown 3	004553-89-3	20285	
Food Red 3	003567-69-9	14720	
Food Red 7	002611-82-7	16255	
Food Red 9	000915-67-3	16185	
Food Yellow 3	002783-94-0	15985	
Food Yellow 4	001934-21-0	19140	
Reactive Blue 5	016823-51-1	61205:1	
Reactive Blue 7	012238-09-4	74460	
Reactive Blue 238	149315-83-3		
Reactive Orange 5	070210-21-8	18279	
Reactive Orange 12	070161-14-7		
Reactive Orange 13	070616-89-6	18270	
Reactive Red 24	070210-20-7	18208	
Reactive Red 43	064181-81-3		
Reactive Red 45	070210-46-7	18209	
Reactive Red 120	061951-82-4	25810	
Reactive Red 220	171172-56-8		
Reactive Red 228	140876-11-5		
Reactive Red 235	132579-39-6		
Reactive Yellow 2	050662-99-2	18972	
Reactive Yellow 3	006539-67-9	13245	
Solvent Black 3	004197-25-5	26150	
Solvent Black 27	012237-22-8		

1 Designazione	2 n. C.I.S.	3 n. C.I.	4 Valore limite di migrazione (mg/kg)
Solvent Black 28	012237-23-9		
Solvent Black 29	061901-87-9		
Solvent Black 34	032517-36-5		
Solvent Black 35	061931-53-1	12195 + 12197	
Solvent Black 45	094765-62-5		
Solvent Blue 4	006786-83-0	44045:1	
Solvent Blue 25	001328-54-7	74350	
Solvent Blue 35	017354-14-2	61554	
Solvent Blue 37	003861-73-2	13390	
Solvent Blue 44	061725-69-7		
Solvent Blue 45	037229-23-5		
Solvent Blue 67	012226-78-7		
Solvent Blue 70	012237-24-0		
Solvent Brown 28	061725-72-2		
Solvent Brown 35	061901-89-1		
Solvent Brown 37	061725-74-4		
Solvent Brown 42	061725-75-5		
Solvent Brown 43	061116-28-7		
Solvent Brown 44	061969-45-7		
Solvent Brown 58	071872-85-0		
Solvent Orange 5	013463-42-8	18745:1	
Solvent Orange 6	010127-28-3	18736:1	
Solvent Orange 11	061725-76-6		
Solvent Orange 25	061813-62-5		

1 Designazione	2 n. Clas	3 n. C.I.	4 Valore limite di migrazione (mg/kg)
Solvent Orange 41	061901-91-5		
Solvent Orange 45	013011-62-6		
Solvent Orange 54	012237-30-8		
Solvent Orange 56	013463-42-8	18745:1	
Solvent Orange 59	061969-46-8		
Solvent Orange 62	052256-37-8	12714	
Solvent Orange 63	016294-75-0	68550	
Solvent Orange 78	006925-69-5	564100	
Solvent Orange 99	110342-29-5		
Solvent Red 7	050926-68-6		
Solvent Red 8	033270-70-1	12715	
Solvent Red 24	000085-83-6	26105	
Solvent Red 25	003176-79-2	26110	
Solvent Red 35	061725-78-8	16260 + 45170:1	
Solvent Red 49	000509-34-2		
Solvent Red 89	061725-81-3		
Solvent Red 91	061901-92-6		
Solvent Red 92	061901-93-7		
Solvent Red 109	053802-03-2		
Solvent Red 118	012237-26-2		
Solvent Red 119	012237-27-3		
Solvent Red 122	012227-55-3		
Solvent Red 124	012239-74-6		
Solvent Red 125	012271-00-0		

1 Designazione	2 n. C.I.S.	3 n. C.I.	4 Valore limite di migrazione (mg/kg)
Solvent Red 127	061969-48-0		
Solvent Red 130	061725-84-6		
Solvent Red 132	061725-85-7		
Solvent Red 160	069899-68-9		
Solvent Red 195	164251-88-1		
Solvent Red 233		77301	
Solvent Violet 2	061725-86-8	16055 + 45170	
Solvent Violet 8	052080-58-7	42535:1	
Solvent Violet 24	061725-87-9		
Solvent Yellow 16	004314-14-1	12700	
Solvent Yellow 18	006407-78-9	12740	
Solvent Yellow 19	010343-55-2	13900:1	
Solvent Yellow 21	005601-29-6		
Solvent Yellow 25	037219-73-1		
Solvent Yellow 29	006706-82-7	21230	
Solvent Yellow 32	061931-84-8	48045	
Solvent Yellow 43	019125-99-6	561930	
Solvent Yellow 44	002478-20-8	56200	
Solvent Yellow 48	061725-88-0		
Solvent Yellow 56	002481-94-9	11021	
Solvent Yellow 62	061901-95-9		
Solvent Yellow 79	012237-31-9		
Solvent Yellow 81	012227-56-4		
Solvent Yellow 82	012227-67-7		

1 Designazione	2 n. Cas	3 n. C.I.	4 Valore limite di migrazione (mg/kg)
Solvent Yellow 83	012239-75-7		
Solvent Yellow 83:1	061116-27-6		
Solvent Yellow 88	061931-55-3		
Solvent Yellow 89	061969-51-5		
Solvent Yellow 135	144246-02-6		
Solvent Yellow 146	109945-04-2		
Solvent Yellow 162	104244-10-2		
Pigment Blue 1	001325-87-7	42595:2	
Pigment Blue 19	058569-23-6	42750:1	
Pigment Blue 56	006417-46-5	42800	
Pigment Blue 61	001324-76-1	42765:1	
Pigment Blue 62	082338-76-9	42595:4	
Pigment Blue 79	014154-42-8	741300	
Pigment Brown 25	006992-11-6	12510	
Pigment Brown 41	211502-16-8		
Pigment Green 1	001325-75-3	42040:1	
Pigment Green 36	014302-13-7	74265	
Pigment Orange 13	003520-72-7	21110	
Pigment Orange 16	006505-28-8	21160	
Pigment Orange 34	015793-73-4	21115	
Pigment Orange 38	012236-64-5	12367	
Pigment Orange 46	063467-26-5	15602	
Pigment Orange 62	052846-56-7	11775	
Pigment Red 22	006448-95-9	12315	

1 Designazione	2 n. C.A.S.	3 n. C.I.	4 Valore limite di migrazione (mg/kg)
Pigment Red 23	006471-49-4	12355	
Pigment Red 48:1	007585-41-3	15865:1	
Pigment Red 48:4	005280-66-0	15865:4	
Pigment Red 49:1	001103-38-4	15630:1	
Pigment Red 53	002092-56-0	15585	
Pigment Red 53:1	005160-02-1	15585:1	
Pigment Red 81	012224-98-5	45160	
Pigment Red 81:1	080083-40-5	45160:3	
Pigment Red 81:2	075627-12-2	45161:1	
Pigment Red 81:3	068310-07-6	45161:2	
Pigment Red 81:4	085959-61-1	45161:5	
Pigment Red 81:5	063022-06-0	45160:4	
Pigment Red 102	001332-25-8	77015	
		77491	
		77538	
Pigment Red 147	068227-78-1	12433	
Pigment Red 169	012237-63-7	45160:2	
Pigment Red 176	012225-06-8	12515	
Pigment Red 184	099402-80-9	12487	
Pigment Red 185	061951-98-2	12516	
Pigment Red 188	061847-48-1	12467	
Pigment Red 210	061932-63-6	12477	
Pigment Red 211	107397-16-0		
Pigment Red 254	084632-65-5	56110	
Pigment Red 266	036968-27-1	12474	

1 Designazione	2 n. Clas	3 n. C.I.	4 Valore limite di migrazione (mg/kg)
Pigment Red 269	067990-05-0	12466	
Pigment Violet 1	001326-03-0	45170:2	
Pigment Violet 2	001326-04-1	45175:1	
Pigment Violet 3	001325-82-2	42535:2	
Pigment Violet 16	010101-66-3	77742	
Pigment Violet 27	012237-62-6	42535:3	
Pigment Violet 39	064070-98-0	42555:2	
Pigment White 4	001314-13-2	77947	
Pigment White 7	001314-98-3	77975	
Pigment White 18	000471-34-1	77220	
Pigment White 19	001318-74-7	77005	
Pigment White 20	012001-26-2	77019	
Pigment White 26	014807-96-6	77718	
Pigment White 27	007631-86-9	77811	
Pigment Yellow 4	001657-16-5	11665	
Pigment Yellow 5	004106-67-6	11600	
Pigment Yellow 12	006358-85-6	21090	
Pigment Yellow 13	005102-83-0	21100	
Pigment Yellow 14	005468-75-7	21095	
Pigment Yellow 17	004531-49-1	21105	
Pigment Yellow 55	006358-37-8	21096	
Pigment Yellow 74	006358-31-2	11741	
Pigment Yellow 81	022094-93-5	21127	
Pigment Yellow 83	005567-15-7	21108	

1 Designazione	2 n. C.A.S	3 n. C.I.	4 Valore limite di migrazione (mg/kg)
Pigment Yellow 97	012225-18-2	11767	
Pigment Yellow 111	069771-45-5	11745	
Pigment Yellow 126	090268-23-8	21101	
Pigment Yellow 127	068610-86-6	21102	
Pigment Yellow 150	025157-64-6	12764	
Pigment Yellow 151	031837-42-0	13980	
Pigment Yellow 174	078952-72-4	21098	
Pigment Yellow 176	090268-24-9	21103	
Pigment Yellow 185	076199-85-4	56290	
Pigment Yellow 188	023792-68-9	21094	
Pigment Yellow 194	082199-12-0	11785	