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

1.1. Product identifier

Mixture identification:

Trade name: Tinta NOCE MEDIO idrocolor

Trade code: **CTE5110S08**

UFI: 0FFN-G171-900F-3WG1

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

Recommended use: Surface coating

Uses advised against: Use only for explicitly recommended uses.

1.3. Details of the supplier of the safety data sheet

Company: **Nespoli Srl**

Via Kennedy 1/A

20844 Triuggio (MB) - Italia

Tel.: +39 031735400 Mail: info@nespoligroup.com

1.4. Emergency telephone number

FNESPOLI srl +39 031 735400 (09.00 - 17.00) From Monday to Friday

Antipoison Center - Hospital Name 1 - City - Telephone nbr. (availability information)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) n. 1272/2008 (CLP)

Flam. Liq. 2	Highly flammable liquid and vapour.
Eye Irrit. 2	Causes serious eye irritation.
Skin Sens. 1B	May cause an allergic skin reaction.
STOT SE 3	May cause drowsiness or dizziness.
Aquatic Chronic 3	Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Regulation (EC) No 1272/2008 (CLP):

Hazard pictograms and Signal Word

Danger

Hazard statements

H225	Highly flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233	Keep container tightly closed.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P370+P378	In case of fire: Use CO2, Foam, Chemical powders For extinction.
P403+P235	Store in a well-ventilated place. Keep cool.

Contains

1-methoxy-2-propanol

C.I. Acid yellow 232

trisodium bis[3-hydroxy-4-[(2-hydroxy-1-naphthyl)azo]-7-nitronaphthalene-1-sulphonato(3-)]chromate(3-) May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None.

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

Other Hazards: No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Mixture identification: Tinta NOCE MEDIO idrocolor

@GetCalculationOutputDataSet Failed.
Exception has been thrown by the target of an invocation.
No overload taking the form '@GetMultiplePhraseText("@GetPhraseText(1, "3", "OEL")

;[2,ACRONYM,ATE];:
;[2,ACRONYM,ATE_CODE]; - ;[4,LOV_GHS_ATE,ORAL];: ;5000;
[4,LOV_GHS_ATE_UOM,MGKGBW];
;[2,ACRONYM,ATE_CODE]; - ;[4,LOV_GHS_ATE,DERMAL];: ;19020;
[4,LOV_GHS_ATE_UOM,MGKGBW];
;[2,ACRONYM,ATE_CODE]; - ;[4,LOV_GHS_ATE,INH-VAP];: ;0.275;
[4,LOV_GHS_ATE_UOM,MGL];;
", "", "0")' exists in the supplied script type.
See trace for details

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Remove contaminated clothing immediatley and dispose off safely.

In case of eyes contact:

Do not use eyewash or ointment of any kind (before obtaining an examination or advice from an eye specialist).

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an opthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and label hazardous.

In case of Inhalation:

In case of inhalation, consult a doctor immediately and show him packing or label.

Remove casualty to fresh air and keep warm and at rest.

If breathing is irregular or stopped, administer artificial respiration.

4.2. Most important symptoms and effects, both acute and delayed

Respiratory tract irritation

Eye damages

Skin Irritation

Contact a poisons centre

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

In case of fire: Use CO2, Foam, Chemical powders For extinction.

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Cool the containers exposed to the fire with water.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non emergency personnel:

Wear personal protection equipment.

Remove all sources of ignition.

Collect the spilled product with no-sparking tools.

Remove persons to safety.

See protective measures under point 7 and 8.

For emergency responders:

Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Eliminate all unguarded flames and possible sources of ignition. Do not smoke.

Suitable material for taking up: absorbing material, organic, sand

Collect spilled material with non-sparking equipment.

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from flame and sparks. Avoid accumulating electrostatic charge.

Place recipients on the ground whilst decanting, and wear anti-static clothing and shoes.

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Work clothes must be changed before entering the dining areas.

Do not eat or drink while working.

Do not smoke while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.

Store at below 30 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Incompatible materials:

Avoid contact with combustible materials. The product could catch fire.

Instructions as regards storage premises:

Cool and adequately ventilated.

7.3. Specific end use(s)

No further recommendations. Refer to point 1.2

Recommendation(s)

None in particular

Industrial sector specific solutions:

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Community Occupational Exposure Limits (OEL)

	OEL Type	Country	Long Term mg/m3	Long Term ppm	Short Term mg/m3	Short Term ppm	Behaviour	Notes
1-methoxy-2-propanol CAS: 107-98-2	NIOSH		360,000	100,000	540,000	150,000		15 minutes average value
	EU		375,000	100	563,000	150		Skin
	ACGIH			50,000		100,000		A4 - Eye and URT irr
	National	NEW ZEALAND	369,000	100,000	553,000	150,000		
	(OEL (IT))		375,000	100,000	558,000	150,000		skin
ethanol; ethyl alcohol CAS: 64-17-5	National	NEW ZEALAND	1880,000	1000,000				oto
	ACGIH					1000,000		A3 - URT irr
	National	SLOVENIA	1900,000	1000,000				
	National	IRELAND				1000,000		
(2-Methoxymethylethoxy) propanol CAS: 34590-94-8	National		600,000	100,000				
	(OEL (IT))		308,000	50,000			Binding	skin
	EU		308,000	50,000				skin
	ACGIH			100,000		150,000		Skin - Eye and URT irr, CNS impair
	National	IRELAND	308,000	50,000				
butanone CAS: 78-93-3	(OEL (IT))	ITALY	600,000	200,000	900,000	300,000	Binding	
	National		445,000	150,000	890,000	300,000		
	National	CHINA	300,000		600,000			
	National	IRELAND	600,000	200,000	900,000	300,000		
	ACGIH		590,000	200,000	885,000	300,000		BEI - URT irr, CNS and PNS impair
	EU		600,000	200,000	900,000	300,000		
2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve CAS: 111-76-2	MAK		49,000	10,000	246,000	50,000		A3, BEI - Eye and URT irr
	ACGIH		98,000	20,000				A3, BEI - Eye and URT irr

	National IRELAND	98,000	20	246,000	50,000		
	National NEW ZEALAND	121,000	25,000				skin
	(OEL (IT))	98,000	20,000	246,000	50,000	Binding	skin
	EU	98,000	20,000	246,000	50,000		skin
2-methoxypropanol CAS: 1589-47-5	TWA (Italia)	375,000	100,000				
	National SLOVENIA						' - KTV : 4 - Opombe : K
	(STEL (IE))	568,000	150,000				

Predicted No Effect Concentration (PNEC) values

	PNEC Limit	Exposure Route	Exposure Frequency	Remark
1-methoxy-2-propanol CAS: 107-98-2	10 mg/l	Fresh Water		
	1 mg/l	Marine water		
	100 mg/l	occasional emission		
	100 mg/l	STP		
	41,6 mg/kg	Freshwater sediments		
	4,17 mg/kg	Marine water sediments		
	2,47 mg/kg	Soil (agricultural)		
ethanol; ethyl alcohol CAS: 64-17-5	2,75 mg/l	occasional emission		
	0,96 mg/l	Fresh Water		
	0,79 mg/l	Marine water		
	3,6 mg/kg	Marine water sediments		
	580 mg/l	Microorganisms in sewage treatments		
	0,63 mg/kg	Soil (agricultural)		
(2-Methoxymethylethoxy) propanol CAS: 34590-94-8	19 mg/l	Fresh Water		
	1,9 mg/l	Marine water		
	70,2 mg/kg dwt	Freshwater sediments		
	7,02 mg/kg dwt	Marine water sediments		
	190 mg/l	occasional emission		
	4168 mg/l	STP		
	2,74 mg/kg dwt	Soil (agricultural)		
trisodium bis[3-hydroxy-4-[(2-hydroxy-1-naphthyl)azo]-7-nitronaphthalene-1-sulphonato(3-)]chromate(3-) CAS: 57693-14-8	33,3 mg/kg	orally (secondary poisoning)		
	600 mg/kg	Soil (agricultural)		
	3 µg/L	Fresh Water		
	0,3 µg/L	Marine water		
	3000 mg/kg	Freshwater sediments		
	300 mg/kg	Marine water sediments		
	0,781 mg/l	STP		
butanone CAS: 78-93-3	55,8 mg/l	Marine water		
	55,8 mg/l	Fresh Water		

	55,8 mg/l	occasional emission
	709 mg/l	STP
	284,7 mg/kg dwt	Freshwater sediments
	284,7 mg/kg dwt	Marine water sediments
	22,5 mg/kg	Soil (agricultural)
	1000 mg/kg	orally (secondary poisoning)
2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve CAS: 111-76-2	8,8 mg/l	Fresh Water
	0,88 mg/l	Marine water
	463 mg/l	Microorganisms in sewage treatments
	34,6 mg/kg	Freshwater sediments
	3,46 mg/kg	Marine water sediments
	2,33 mg/l	Soil (agricultural)
	463 mg/l	STP
	20 mg/kg	orally (secondary poisoning)
2-methoxypropanol CAS: 1589-47-5	10 mg/l	Fresh Water
	1 mg/l	Marine water
	100 mg/l	occasional emission
	100 mg/l	Microorganisms in sewage treatments
	41,6 mg/kg	Freshwater sediments
	2,47 mg/kg	Soil (agricultural)
	4,17 mg/kg	Marine water sediments

Derived No Effect Level (DNEL) values

	Worker Industry	Worker Professional	Consumer	Exposure Route	Exposure Frequency	Remark
1-methoxy-2-propanol CAS: 107-98-2	553,5 mg/m3			Human Inhalation	Short Term, local effects	
	50,6 mg/kg			Human Dermal	Long Term, systemic effects	
	369 mg/m3			Human Inhalation	Long Term, systemic effects	
			18,1 mg/kg	Human Dermal	Long Term, systemic effects	
			43,9 mg/m3	Human Inhalation	Long Term, systemic effects	
			3,3 mg/kg	Human Oral	Long Term, systemic effects	
ethanol; ethyl alcohol CAS: 64-17-5			87 mg/kg/day	Human Oral	Long Term, systemic effects	
			206 mg/kg/day	Human Dermal	Long Term, systemic effects	
	343 mg/kg/day			Human Dermal	Long Term, systemic effects	
			114 mg/m3	Human Inhalation	Long Term, systemic effects	
			950 mg/m3	Human Inhalation	Short Term, local effects	
	950 mg/m3			Human Inhalation	Long Term, systemic effects	

	1900 mg/m3		Human Inhalation	Short Term, local effects
(2-Methoxymethylethoxy)propanol CAS: 34590-94-8	308 mg/m3		Human Inhalation	Long Term, systemic effects
	283 mg/kg		Human Dermal	Long Term, systemic effects
		36 mg/Kg-bw/day	Human Oral	Long Term, systemic effects
		37,2 mg/m3	Human Inhalation	Long Term, systemic effects
		121 mg/Kg-bw/day	Human Dermal	Long Term, systemic effects
trisodium bis[3-hydroxy-4-[(2-hydroxy-1-naphthyl)azo]-7-nitronaphthalene-1-sulphonato(3-)]chromate(3-) CAS: 57693-14-8	24,5 mg/kg		Human Inhalation	Long Term, systemic effects
	27,78 mg/Kg-bw/day		Human Dermal	Long Term, systemic effects
		14,7 mg/kg	Human Inhalation	Long Term, systemic effects
		16,7 mg/Kg-bw/day	Human Dermal	Long Term, systemic effects
		8,33 mg/Kg-bw/day	Human Oral	Long Term, systemic effects
butanone CAS: 78-93-3	1161 mg/Kg-bw/day		Human Dermal	Long Term, systemic effects
	600 mg/m3		Human Inhalation	Long Term, systemic effects
		412 mg/Kg-bw/day	Human Dermal	Long Term, systemic effects
		106 mg/m3	Human Inhalation	Long Term, systemic effects
		31 mg/Kg-bw/day	Human Oral	Long Term, systemic effects
2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve CAS: 111-76-2	89 mg/kg		Human Dermal	Short Term, systemic effects
	1091 mg/m3		Human Inhalation	Short Term, systemic effects
	246 mg/m3		Human Inhalation	Short Term, local effects
	125 mg/kg		Human Dermal	Long Term, systemic effects
	98 mg/m3		Human Inhalation	Long Term, systemic effects
			Human Oral	Short Term, systemic effects
			Human Oral	Long Term, systemic effects
		89 mg/kg	Human Dermal	Short Term, systemic effects

		426 mg/m3	Human Inhalation	Short Term, systemic effects
		147 mg/m3	Human Inhalation	Long Term, local effects
		75 mg/Kg-bw/day	Human Dermal	Long Term, systemic effects
		59 mg/m3	Human Inhalation	Long Term, systemic effects
		26,7 mg/kg	Human Oral	Short Term, systemic effects
		6,3 mg/kg	Human Oral	Long Term, systemic effects
2-methoxypropanol CAS: 1589-47-5	553,5 mg/m3		Human Inhalation	Short Term, systemic effects
	183 mg/kg	78 mg/kg	Human Dermal	Long Term, systemic effects
	369 mg/m3	43,9 mg/m3	Human Inhalation	Long Term, systemic effects
		33 mg/Kg-bw/day	Human Oral	Long Term, systemic effects

8.2. Exposure controls

Hygienic and Technical measures

Handle according to good hygiene and safety standards, observing the usual precautions for handling chemical products.

Use adequate ventilation/extraction in the working environment.

The choice of personal protective equipment is left to the provisions of the chemical risk assessment.

Eye protection:

Use eye protection devices. Example: closed safety visors, goggles with side protection. Do not wear contact lenses.

Protection for skin:

Wear work clothes with long sleeves and safety footwear. It is recommended to wear protective overgarments with antistatic properties.

Protection for hands:

Due to the synergistic effect of the substances contained in the formulation it is not possible to identify a single material capable of resisting their combination. Multilayer protective gloves for mixtures of substances may be suitable. Always refer to the protection degree and permeation rate data provided by the glove manufacturer with regard to the substances listed in point 3 of this sheet.

Example:

Butyl: Provides resistance to acids, alcohols, aldehydes, ketones, carboxylic acids and glycol esters. Thickness >0.35 mm; permeation time >240 min.

Viton: Provides resistance to aliphatic, halogenated and aromatic hydrocarbons, alcohols, carboxylic acids, glycol ethers and esters and mineral acids. Thickness >0.35 mm; permeation time >240 min.

Nitrile: Provides resistance from bases, oils, alcohols, aliphatic hydrocarbon solvents, fats and glycol ethers. Thickness >0.35 mm; permeation time >240 min.

Respiratory protection:

Use respiratory protection where ventilation is insufficient or exposure is prolonged.

Use an adequate respiratory protection device, e.g. A2 or in case of presence of dust/aerosols A2P2 or A2P3 .

Thermal Hazards:

N.A.

Environmental exposure controls:

Take all technical precautions necessary to avoid the spread of the product in the surrounding environment.

Check that emissions into the atmosphere comply with current legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State: Liquid

Appearance and colour: Liquid brown

Odour: characteristic

Odour threshold: Not available for the mixture.

pH: Not Relevant

Kinematic viscosity: N.A.

Melting point / freezing point: > 1 °C / < 0 °C

Initial boiling point and boiling range: > 55 °C

Flash point: < 23°C

Upper/lower flammability or explosive limits: N.A.

Vapour density: N.A.

Vapour pressure: Some contained substances may have vapor pressure >=0.1 kPa. Refer to the percentage of Volatile Organic Compounds in section 15.

Relative density: 0.88 kg/l

Solubility in water: N.A.

Solubility in oil: N.A.

Partition coefficient (n-octanol/water): N.A. to mixtures.

Auto-ignition temperature: 250 °C

Decomposition temperature: N.A.

Flammability: The product is classified Flam. Liq. 2 H225

Particle characteristics:

Particle size: N.A.

9.2. Other information

Viscosity: 15.00 s (" Din cup # 4)

No other relevant information

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Avoid accumulating electrostatic charge.

Vapours can form explosive mixtures with air.

10.5. Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

10.6. Hazardous decomposition products

vapours potentially dangerous to health may be released.

SECTION 11: Toxicological information

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

Toxicological Information of the Preparation

a) acute toxicity	Not classified
	Based on available data, the classification criteria are not met
b) skin corrosion/irritation	Not classified
	Based on available data, the classification criteria are not met
c) serious eye damage/irritation	The product is classified: Eye Irrit. 2(H319)
d) respiratory or skin sensitisation	The product is classified: Skin Sens. 1B(H317)
e) germ cell mutagenicity	Not classified
	Based on available data, the classification criteria are not met
f) carcinogenicity	Not classified
	Based on available data, the classification criteria are not met
g) reproductive toxicity	Not classified
	Based on available data, the classification criteria are not met
h) STOT-single exposure	The product is classified: STOT SE 3(H336)
i) STOT-repeated exposure	Not classified
	Based on available data, the classification criteria are not met
j) aspiration hazard	Not classified
	Based on available data, the classification criteria are not met

Toxicological information on main components of the mixture:

1-methoxy-2-propanol	a) acute toxicity	ATE - Oral : 4016 mg/kg bw
		ATE - Dermal : 2000 mg/kg bw
		ATE - Inhalation (Vapours) : 7 mg/l
		LD50 Oral Rat = 4016 mg/kg

		LC0 Inhalation Vapour Rat > 7000 Ppm 6h	
		LD50 Skin Rat > 2000 mg/kg	
	b) skin corrosion/irritation	Skin Irritant Negative	
	c) serious eye damage/irritation	Eye Irritant Negative	
ethanol; ethyl alcohol	a) acute toxicity	ATE - Oral : 1501 mg/kg bw	
		ATE - Dermal : 2000 mg/kg bw	
		ATE - Inhalation (Vapours) : 5.9 mg/l	
		LD50 Oral Rat = 1501 mg/kg	
		LD50 Inhalation Rat = 5,9 mg/l 6h	
		LD50 Skin Rabbit > 2000 mg/kg	
(2-Methoxymethylethoxy) propanol	a) acute toxicity	ATE - Oral : 5000 mg/kg bw	
		ATE - Dermal : 19020 mg/kg bw	
		ATE - Inhalation (Vapours) : 0.275 mg/l	
		LC50 Inhalation Rat > 275 Ppm 7h	
		LC50 Oral Rat > 5000 mg/kg	
		LD50 Skin Rabbit > 19020 mg/kg	
trisodium bis[3-hydroxy-4-[(2-hydroxy-1-naphthyl)azo]-7-nitronaphthalene-1-sulphonato(3-)]chromate (3-)	a) acute toxicity	ATE - Dermal : 2000 mg/kg bw	
		LD50 Skin Rat > 2000 mg/kg body weight	
Chromate(2-), [3-[4,5-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-3-methyl-5-oxo-1H-pyrazol-1-yl]benzenesulfonato(3-)][2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3	a) acute toxicity	LD50 Oral Rat 2850 mg/kg bw/day	
	b) skin corrosion/irritation	Skin Irritant No	
	c) serious eye damage/irritation	Eye Irritant No	
	d) respiratory or skin sensitisation	Skin Sensitization Cavia porcellus No	
	e) germ cell mutagenicity	Mutagenesis Positive	
butanone	a) acute toxicity	ATE - Oral : 2737 mg/kg bw	
		ATE - Dermal : 6480 mg/kg bw	
		ATE - Inhalation (Vapours) : 23.5 mg/l	
		LD50 Oral Rat = 2737 mg/kg	
		LD50 Skin Rabbit = 6480 mg/kg	
		LC50 Inhalation Rat = 23,5 mg/l 8h	
	b) skin corrosion/irritation	Skin Corrosive Rabbit Negative	moderatamente irritante
2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve	a) acute toxicity	ATE - Oral : 1300 mg/kg bw	

	ATE - Dermal : 2000 mg/kg bw	
	ATE - Inhalation (Vapours) : 0.004 mg/l	
	LD50 Oral Cavia porcellus 1300 mg/kg	
	LD50 Skin Cavia porcellus > 2000 mg/kg	
	LC50 Inhalation Vapour Cavia porcellus > 400 Ppm 7h	
	LD50 Skin Rat 220 mg/kg	
b) skin corrosion/irritation	Skin Irritant Rabbit Yes	Provoca irritazione cutanea
	Eye Irritant Rabbit Yes	provoca grave irritazione oculare

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration >= 0.1%

11.2. Information on other hazards

None known

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

Harmful to aquatic life with long lasting effects.

List of Eco-Toxicological properties of the product

The product is classified: Aquatic Chronic 3(H412)

List of Eco-Toxicological properties of the components

Component	Ident. Numb.	Ecotox Data
1-methoxy-2-propanol	CAS: 107-98-2 - EINECS: 203-539-1 - INDEX: 603-064-00-3	a) Aquatic acute toxicity : LC50 Fish > 6800 mg/l 96
		a) Aquatic acute toxicity : LC50 Daphnia > 23300 mg/l 48
		a) Aquatic acute toxicity : EC50 Algae > 1000 mg/l 168 - - (7d)
		f) Effects in sewage plants : EC50 Active mud > 1000 mg/l 3
ethanol; ethyl alcohol	CAS: 64-17-5 - EINECS: 200-578-6 - INDEX: 603-002-00-5	a) Aquatic acute toxicity : LC50 Fish = 1300 mg/l
		a) Aquatic acute toxicity : EC50 Algae = 275 mg/l 48
		b) Aquatic chronic toxicity : NOEC Algae = 3200 mg/l - 5g
(2-Methoxymethylethoxy)propanol	CAS: 34590-94-8 - EINECS: 252-104-2	a) Aquatic acute toxicity : EC50 Algae > 969 mg/l 96
		a) Aquatic acute toxicity : LC50 Fish > 1000 mg/l 96
		a) Aquatic acute toxicity : LC50 Daphnia = 1919 mg/l 48
trisodium bis[3-hydroxy-4-[(2-hydroxy-1-naphthyl)azo]-7-nitronaphthalene-1-sulphonato(3-)]chromate(3-)	CAS: 57693-14-8 - EINECS: 260-906-9	a) Aquatic acute toxicity : EC50 Daphnia = 30,2 mg/l 48
		a) Aquatic acute toxicity : LC50 Fish = 3 mg/l 96
		a) Aquatic acute toxicity : EC50 Algae 73,8 mg/l 72
Chromate(2-), [3-[4,5-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-3-methyl-5-oxo-1H-pyrazol-1-yl]benzenesulfonato(3-)][2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3	CAS: 90294-40-9 - EINECS: 290-924-2	a) Aquatic acute toxicity : LC50 Fish = 3,7 mg/l 96
		a) Aquatic acute toxicity : EC50 Daphnia > 24,1 mg/l 48
		a) Aquatic acute toxicity : ErC50 Algae 12,3 mg/l 168

butanone	CAS: 78-93-3 - EINECS: 201-159-0 - INDEX: 606-002-00-3	a) Aquatic acute toxicity : LC50 Fish > 3220 mg/l 96
		a) Aquatic acute toxicity : EC50 Daphnia > 520 mg/l 48
2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve	CAS: 111-76-2 - EINECS: 203-905-0 - INDEX: 603-014-00-0	a) Aquatic acute toxicity : LC50 Fish = 1490 mg/l 96
		a) Aquatic acute toxicity : EC50 Daphnia = 1000 mg/l 24
		c) Bacteria toxicity : EC50 Active mud > 700 mg/l 16

No endocrine disruptor substances present in concentration >= 0.1%

12.2. Persistence and degradability

None known

N.A.

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

12.6. Endocrine disrupting properties

None known

12.7. Other adverse effects

N.A.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

14.1. UN number or ID number

1263

14.2. UN proper shipping name

ADR-Shipping Name: PAINT

IATA-Shipping Name: PAINT

IMDG-Shipping Name: PAINT

14.3. Transport hazard class(es)

ADR-Class: 3

IATA-Class: 3

IMDG-Class: 3

14.4. Packing group

ADR-Packing Group: II

IATA-Packing group: II

IMDG-Packing group: II

14.5. Environmental hazards

Toxic ingredients quantity: 0.00

Very toxic ingredients quantity: 0.00

Marine pollutant: No

Environmental Pollutant: No

14.6. Special precautions for user

Road and Rail (ADR-RID):

ADR-Label: 3

ADR - Hazard identification number: 33

ADR-Special Provisions: 163 367 640C 650

ADR-Transport category (Tunnel restriction code): 2 (D/E)

Air (IATA):

IATA-Passenger Aircraft: 353
IATA-Cargo Aircraft: 364
IATA-Label: 3
IATA-Subsidiary hazards: -
IATA-Erg: 3L
IATA-Special Provisions: A3 A72 A192

Sea (IMDG):

IMDG-Stowage and handling: Category B
IMDG-Segregation: -
IMDG-Subsidiary hazards: -
IMDG-Special Provisions: 163 367
IMDG-Page: N/A
IMDG-Label: N/A
IMDG-MFAG: N/A

14.7. Maritime transport in bulk according to IMO instruments

N.A.

SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Regulation (EU) n. 2021/849 (ATP 17 CLP)
Regulation (EU) n. 2022/692 (ATP 18 CLP)
Regulation (EU) n. 2020/878

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product: 3, 40
Restrictions related to the substances contained: 30, 75

Provisions related to directive EU 2012/18 (Seveso III):

N.A.

Regulation (EU) No 649/2012 (PIC regulation)

No substances listed

German Water Hazard Class.

Class 3: extremely hazardous.

SVHC Substances:

No SVHC substances present in concentration >= 0.1%

Dir. 2010/75/EC (VOC directive) ; Dir. 2004/42/EC (VOC directive)

Total solid content: 4 - 4 %
Volatile Organic compounds - VOCs = 96 %
Volatile Organic compounds - VOCs = 847 g/L
Of which reactive monomers: 0 %
Total Volatile Organic Carbon (typical value): 51 %

Of which reactive monomers: 0 %

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Code	Description
EUH066	Repeated exposure may cause skin dryness or cracking.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H360	May damage fertility or the unborn child if inhaled and in contact with skin.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Code	Hazard class and hazard category	Description
2.6/2	Flam. Liq. 2	Flammable liquid, Category 2
2.6/3	Flam. Liq. 3	Flammable liquid, Category 3
3.1/3/Inhal	Acute Tox. 3	Acute toxicity (inhalation), Category 3
3.1/4/Oral	Acute Tox. 4	Acute toxicity (oral), Category 4
3.2/2	Skin Irrit. 2	Skin irritation, Category 2
3.3/1	Eye Dam. 1	Serious eye damage, Category 1
3.3/2	Eye Irrit. 2	Eye irritation, Category 2
3.4.2/1	Skin Sens. 1	Skin Sensitisation, Category 1
3.4.2/1B	Skin Sens. 1B	Skin Sensitisation, Category 1B
3.7/1B	Repr. 1B	Reproductive toxicity, Category 1B
3.8/3	STOT SE 3	Specific target organ toxicity — single exposure, Category 3
4.1/C2	Aquatic Chronic 2	Chronic (long term) aquatic hazard, category 2
4.1/C3	Aquatic Chronic 3	Chronic (long term) aquatic hazard, category 3

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 2, H225	On basis of test data
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1B, H317	Calculation method
STOT SE 3, H336	Calculation method
Aquatic Chronic 3, H412	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ATE: Acute Toxicity Estimate
ATEmix: Acute toxicity Estimate (Mixtures)
BCF: Biological Concentration Factor
BEI: Biological Exposure Index
BOD: Biochemical Oxygen Demand
CAS: Chemical Abstracts Service (division of the American Chemical Society).
CAV: Poison Center
CE: European Community
CLP: Classification, Labeling, Packaging.
CMR: Carcinogenic, Mutagenic and Reprotoxic
COD: Chemical Oxygen Demand
COV: Volatile Organic Compound
CSA: Chemical Safety Assessment
CSR: Chemical Safety Report
DMEL: Derived Minimal Effect Level
DNEL: Derived No Effect Level.
DPD: Dangerous Preparations Directive
DSD: Dangerous Substances Directive
EC50: Half Maximal Effective Concentration
ECHA: European Chemicals Agency
EINECS: European Inventory of Existing Commercial Chemical Substances.
ES: Exposure Scenario
GefStoffVO: Ordinance on Hazardous Substances, Germany.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
IC50: half maximal inhibitory concentration
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG: International Maritime Code for Dangerous Goods.
INCI: International Nomenclature of Cosmetic Ingredients.
IRCCS: Scientific Institute for Research, Hospitalization and Health Care
KAFH: KAFH
KSt: Explosion coefficient.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
LDLo: Leathal Dose Low
N.A.: Not Applicable
N/A: Not Applicable
N/D: Not defined/ Not available
NA: Not available
NIOSH: National Institute for Occupational Safety and Health
NOAEL: No Observed Adverse Effect Level
OSHA: Occupational Safety and Health Administration
PBT: Persistent, Bioaccumulative and Toxic
PGK: Packaging Instruction
PNEC: Predicted No Effect Concentration.
PSG: Passengers
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
vPvB: Very Persistent, Very Bioaccumulative.
WGK: German Water Hazard Class.

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Paragraphs modified from the previous revision:

- SECTION 2: Hazards identification
- SECTION 3: Composition/information on ingredients

- SECTION 4: First aid measures
- SECTION 8: Exposure controls/personal protection
- SECTION 9: Physical and chemical properties
- SECTION 11: Toxicological information
- SECTION 12: Ecological information
- SECTION 16: Other information

Fac-simile label

Tinta NOCE MEDIO idrocolor

Regulation (EC) No 1272/2008 (CLP):

Hazard pictograms and Signal Word

Danger

Hazard statements

H225	Highly flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P370+P378	In case of fire: Use CO2, Foam, Chemical powders For extinction.
P403+P235	Store in a well-ventilated place. Keep cool.

Contains

1-methoxy-2-propanol

C.I. Acid yellow 232

trisodium bis[3-hydroxy-4-[(2-hydroxy-1-naphthyl)azo]-7-nitronaphthalene-1-sulphonato(3-)]chromate(3-)	May produce an allergic reaction.

QUANTITY: **SUPPLIER:**