

according to Regulation (EC) No. 1907/2006

Revision Date 21.01.2019

Version 16.0

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

#### 1.1 Product identifier

Catalogue No. 1.2800

Product name Papanicolaou's solution 3b polychromatic solution EA 50 for

cytological cancer and cycle diagnosis

**REACH Registration** 

This product is a mixture. REACH Registration Number see

Number

section 3.

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

Identified uses Reagent for analysis

For additional information on uses please refer to the

Neutron Chemicals portal

(www.neutronpharmachemical.com).

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

Company 98, 9th Floor, Borjsaz Building, Azadi Ave, Tehran, Iran.

T 021-66906732-3 - F 021-66581408

Responsible Department LS-QHC \* e-mail: Info@neutronpharmachemical.com

#### 1.4 Emergency telephone 125

number

#### **SECTION 2. Hazards identification**

# 2.1 Classification of the substance or mixture Classification (REGULATION (EC) No 1272/2008)

Flammable liquid, Category 2, H225

Acute toxicity, Category 4, Oral, H302

Acute toxicity, Category 4, Inhalation, H332

Acute toxicity, Category 4, Dermal, H312

Eye irritation, Category 2, H319

Specific target organ toxicity - single exposure, Category 1, Eyes, H370

For the full text of the H-Statements mentioned in this Section, see Section 16.

according to Regulation (EC) No. 1907/2006

Catalogue No. 1.2800

Product name Papanicolaou's solution 3b polychromatic solution EA 50 for

cytological cancer and cycle diagnosis

#### 2.2 Label elements

## Labelling (REGULATION (EC) No 1272/2008)

#### Hazard pictograms







### Signal word Danger

#### Hazard statements

H225 Highly flammable liquid and vapour.

H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled.

H319 Causes serious eye irritation.

H370 Causes damage to organs (Eyes).

#### Precautionary statements

Prevention

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

No smoking.

P240 Ground/bond container and receiving equipment.

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P311 IF exposed or concerned: Call a POISON CENTER/doctor.

Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

#### Reduced labelling (≤125 ml)

Hazard pictograms







Signal word Danger

Hazard statements

H370 Causes damage to organs (Eyes).

#### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P308 + P311 IF exposed or concerned: Call a POISON CENTER/doctor.

Contains: Methanol

## 2.3 Other hazards

according to Regulation (EC) No. 1907/2006

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Product name Papanicolaou's solution 3b polychromatic solution EA 50 for

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None known.

#### SECTION 3. Composition/information on ingredients

Chemical nature Ethanolic-methanolic dye solution.

3.1 Substance

Not applicable

#### 3.2 Mixture

#### Hazardous components (REGULATION (EC) No 1272/2008)

Chemical name (Concentration)

CAS-No. Registration Classification

number

ethanol (>= 50 % - <= 100 % )

Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

64-17-5 01-2119457610-

43-XXXX Flammable liquid, Category 2, H225

Eye irritation, Category 2, H319

Methanol (>= 10 % - < 20 % )

Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

67-56-1 01-2119433307-

44-XXXX Flammable liquid, Category 2, H225

Acute toxicity, Category 3, H301 Acute toxicity, Category 3, H331 Acute toxicity, Category 3, H311

Specific target organ toxicity - single exposure, Category

1, H370

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### **SECTION 4. First aid measures**

#### 4.1 Description of first aid measures

General advice

First aider needs to protect himself.

After inhalation: fresh air. Immediately call in physician. If breathing stops:

immediately apply artificial respiration, if necessary also oxygen.

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin

with water/ shower. Call a physician immediately.

After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove

contact lenses.

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After swallowing: fresh air. Make victim drink ethanol (e.g. 1 drinking glass of a 40% alcoholic beverage). Call a doctor immediately (mention methanol ingestion). Only in exceptional cases, if no medical care is available within one hour, induce vomiting (only in fully conscious persons) and make victim drink ethanol again (approx. 0.3 ml of a 40% alcoholic beverage/kg body weight/hour). Consult a physician. Do not attempt to neutralise.

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

irritant effects

Headache, Nausea, Vomiting, Dizziness, Drowsiness, agitation, inebriation, Impairment of vision, blindness, Drying-out effect resulting in rough and chapped skin., Convulsions, euphoria, respiratory paralysis, narcosis, Coma

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

No information available.

#### **SECTION 5. Firefighting measures**

#### 5.1 Extinguishing media

Suitable extinguishing media

Water, Foam, Carbon dioxide (CO2), Dry powder

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

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

Combustible.

Vapours are heavier than air and may spread along floors.

Forms explosive mixtures with air at ambient temperatures.

Pay attention to flashback.

Development of hazardous combustion gases or vapours possible in the event of fire.

#### 5.3 Advice for firefighters

Special protective equipment for firefighters

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

Further information

Remove container from danger zone and cool with water. Prevent fire extinguishing water from contaminating surface water or the ground water system.

#### **SECTION 6. Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Do not breathe vapours, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert.

Advice for emergency responders:

Protective equipment see section 8.

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#### 6.2 Environmental precautions

Do not let product enter drains. Risk of explosion.

#### 6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area.

#### 6.4 Reference to other sections

Indications about waste treatment see section 13.

#### SECTION 7. Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling

Observe label precautions.

Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.

Advice on protection against fire and explosion

Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.

Hygiene measures

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

#### 7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Keep locked up or in an area accessible only to qualified or authorised persons.

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition.

Recommended storage temperature see product label.

#### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## **SECTION 8. Exposure controls/personal protection**

#### 8.1 Control parameters

#### **Derived No Effect Level (DNEL)**

ethanol (64-17-5)

Worker DNEL, acute Local effects inhalation 1900 mg/m<sup>3</sup>

Worker DNEL, Systemic effects dermal 343 mg/kg Body weight

longterm

Worker DNEL, Systemic effects inhalation 950 mg/m<sup>3</sup>

longterm

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Consumer DNEL,	Local effects	inhalation	950 mg/m <sup>3</sup>
Consumer DNEL,	Systemic effects	dermal	206 mg/kg Body weight
Consumer DNEL,	Systemic effects	inhalation	114 mg/m³
Consumer DNEL,	Systemic effects	oral	87 mg/kg Body weight
_	-1)		
		dermal	40 mg/kg Body weight
Worker DNEL, acute	Systemic effects	inhalation	260 mg/m <sup>3</sup>
Worker DNEL, acute	Local effects	inhalation	260 mg/m <sup>3</sup>
Worker DNEL,	Systemic effects	dermal	40 mg/kg Body weight
Worker DNEL,	Systemic effects	inhalation	260 mg/m <sup>3</sup>
Worker DNEL,	Local effects	inhalation	260 mg/m <sup>3</sup>
Consumer DNEL,	Systemic effects	dermal	8 mg/kg Body weight
Consumer DNEL,	Systemic effects	inhalation	50 mg/m <sup>3</sup>
Consumer DNEL,	Systemic effects	oral	8 mg/kg Body weight
Consumer DNEL,	Local effects	inhalation	50 mg/m <sup>3</sup>
Consumer DNEL,	Systemic effects	dermal	8 mg/kg Body weight
Consumer DNEL,	Systemic effects	inhalation	50 mg/m <sup>3</sup>
longterm Consumer DNEL,	Systemic effects	oral	8 mg/kg Body weight
longterm Consumer DNEL, longterm	Local effects	inhalation	50 mg/m³
	acute Consumer DNEL, longterm Consumer DNEL, longterm Consumer DNEL, longterm Methanol (67-56- Worker DNEL, acute Worker DNEL, acute Worker DNEL, acute Worker DNEL, longterm Worker DNEL, longterm Worker DNEL, longterm Consumer DNEL, acute Consumer DNEL, longterm Consumer DNEL,	acute Consumer DNEL, Systemic effects longterm Consumer DNEL, Systemic effects longterm Consumer DNEL, Systemic effects longterm Methanol (67-56-1) Worker DNEL, acute Systemic effects Worker DNEL, acute Local effects Worker DNEL, acute Local effects Worker DNEL, Systemic effects longterm Worker DNEL, Systemic effects longterm Worker DNEL, Local effects longterm Worker DNEL, Systemic effects longterm Consumer DNEL, Systemic effects acute Consumer DNEL, Systemic effects longterm Consumer DNEL, Local effects	acute Consumer DNEL, Systemic effects dermal longterm Consumer DNEL, Systemic effects inhalation longterm Consumer DNEL, Systemic effects oral longterm Methanol (67-56-1) Worker DNEL, acute Systemic effects inhalation Worker DNEL, acute Local effects inhalation Worker DNEL, Systemic effects inhalation longterm Worker DNEL, Local effects inhalation longterm Consumer DNEL, Systemic effects inhalation Consumer DNEL, Systemic effects inhalation acute Consumer DNEL, Systemic effects inhalation longterm Consumer DNEL, Systemic effects inhalation

## **Predicted No Effect Concentration (PNEC)**

ethanol (64-17-5)	
PNEC Fresh water	0,96 mg/l
PNEC Marine water	0,79 mg/l
PNEC Fresh water sediment	3,6 mg/kg
PNEC Soil	0,63 mg/kg
PNEC Aquatic intermittent release	2,75 mg/l
PNEC Sewage treatment plant	580 mg/l
PNEC oral	720 mg/kg
Methanol (67-56-1)	
PNEC Fresh water	154 mg/l
PNEC Fresh water sediment	570,4 mg/kg

15,4 mg/l

23,5 mg/kg

PNEC Marine water

PNEC Soil

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PNEC Sewage treatment plant 100 mg/l

#### 8.2 Exposure controls

#### **Engineering measures**

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

See section 7.1.

#### **Individual protection measures**

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

Eye/face protection Safety glasses

Hand protection

full contact:

Glove material: butyl-rubber
Glove thickness: 0,7 mm
Break through time: > 480 min

splash contact:

Glove material: Nitrile rubber
Glove thickness: 0,40 mm
Break through time: > 120 min

The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374, for example KCL 898 Butoject® (full contact), KCL 730 Camatril® -Velours (splash contact).

The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types.

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

Other protective equipment

Flame retardant antistatic protective clothing.

Respiratory protection

required when vapours are generated.

Recommended Filter type: Filter AX (EN 371)

The entrepeneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer.

These measures have to be properly documented.

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#### **Environmental exposure controls**

Do not let product enter drains.

Risk of explosion.

#### **SECTION 9. Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Form liquid

Colour greenish-blue

Odour alcohol-like

Odour Threshold No information available.

pH No information available.

Melting point No information available.

Boiling point No information available.

Flash point 17 °C

Evaporation rate No information available.

Flammability (solid, gas) No information available.

Lower explosion limit No information available.

Upper explosion limit No information available.

Vapour pressure No information available.

Relative vapour density No information available.

Density 0,82 g/cm3

at 20 °C

Relative density No information available.

Water solubility at 20 °C

soluble

Partition coefficient: n-

octanol/water

No information available.

Auto-ignition temperature No information available.

Decomposition temperature No information available.

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Viscosity, dynamic No information available.

Explosive properties Not classified as explosive.

Oxidizing properties none

#### 9.2 Other data

none

#### **SECTION 10. Stability and reactivity**

#### 10.1 Reactivity

Vapours may form explosive mixture with air.

#### 10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

#### 10.3 Possibility of hazardous reactions

Risk of explosion/exothermic reaction with:

hydrogen peroxide, perchlorates, perchloric acid, Nitric acid, mercury(II) nitrate, permanganic acid, Nitriles, peroxi compounds, Strong oxidizing agents, nitrosyl compounds, Peroxides, sodium, Potassium, halogen oxides, calcium hypochlorite, nitrogen dioxide, metallic oxides, uranium hexafluoride, iodides, Chlorine, Alkali metals, Alkaline earth metals, alkali oxides, Ethylene oxide, salts of oxyhalogenic acids, nitrogen oxides, nonmetallic oxides, chromosulfuric acid, chlorates, hydrides, zinc diethyl, halogens, powdered magnesium, Sulphuric acid, sodium hypochlorite

silver, with, Nitric acid

silver compounds, with, Ammonia

potassium permanganate, with, conc. sulfuric acid

Risk of ignition or formation of inflammable gases or vapours with:

halogen-halogen compounds, chromium(VI) oxide, chromyl chloride, Fluorine, hydrides, Oxides of phosphorus, platinum

Nitric acid, with, potassium permanganate

#### 10.4 Conditions to avoid

Warming.

#### 10.5 Incompatible materials

rubber, various plastics, magnesium, zinc alloys

## 10.6 Hazardous decomposition products

no information available

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## **SECTION 11. Toxicological information**

# 11.1 Information on toxicological effects Mixture

Acute oral toxicity

Symptoms: Nausea, Vomiting

Acute toxicity estimate: 513,14 mg/kg

Calculation method

Acute inhalation toxicity

Acute toxicity estimate: 15,39 mg/l; 4 h; vapour

Calculation method

Symptoms: Possible symptoms:, mucosal irritations

Acute dermal toxicity

Acute toxicity estimate: 1.539 mg/kg

Calculation method

Skin irritation

Drying-out effect resulting in rough and chapped skin.

Eye irritation

Mixture causes serious eye irritation.

Sensitisation

This information is not available.

Germ cell mutagenicity

This information is not available.

Carcinogenicity

This information is not available.

Reproductive toxicity

This information is not available.

Teratogenicity

This information is not available.

Specific target organ toxicity - single exposure

Mixture causes damage to organs.

Target Organs: Eyes

Specific target organ toxicity - repeated exposure

This information is not available.

Aspiration hazard

This information is not available.

#### 11.2 Further information

Systemic effects:

acidosis, drop in blood pressure, agitation, spasms, inebriation, Dizziness,

Drowsiness, Headache, Impairment of vision, blindness

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narcosis, Coma

Symptoms may be delayed.

Damage to:

Liver, Kidney, Cardiac, Irreversible damage of the optical nerve.

Other dangerous properties can not be excluded.

Handle in accordance with good industrial hygiene and safety practice.

#### **Components**

#### ethanol

Acute oral toxicity LD50 Rat: 10.470 mg/kg OECD Test Guideline 401

Acute inhalation toxicity

LC50 Rat: 124,7 mg/l; 4 h; vapour

OECD Test Guideline 403

Skin irritation

Rabbit

Result: No skin irritation OECD Test Guideline 404

Eye irritation

Rabbit

Result: Eye irritation OECD Test Guideline 405

Sensitisation

Local lymph node assay (LLNA) Mouse

Result: negative

Method: OECD Test Guideline 429

Germ cell mutagenicity Genotoxicity in vitro

Ames test

Salmonella typhimurium

Result: negative

Method: OECD Test Guideline 471

In vitro mammalian cell gene mutation test

Mouse lymphoma test Result: negative

Method: OECD Test Guideline 476

Reproductive toxicity
Application Route: Oral

Mouse

Method: OECD Test Guideline 416

#### Methanol

Acute oral toxicity
LDLO human: 143 mg/kg

(RTECS)

Acute toxicity estimate: 100,1 mg/kg

Expert judgement

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Acute inhalation toxicity

LC50 Rat: 131,25 mg/l; 4 h; vapour

(ECHA)

Acute dermal toxicity

LD50 Rabbit: ca. 17.100 mg/kg

(External MSDS)

Acute toxicity estimate: 300,1 mg/kg

Expert judgement

Skin irritation

Rabbit

Result: No skin irritation

(ECHA)

Eye irritation

. Rabbit

Result: No eye irritation

(ECHA)

Sensitisation

Sensitisation test: Guinea pig

Result: negative

Method: OECD Test Guideline 406

Repeated dose toxicity

Rat

male and female

Inhalation vapour

28 d daily

NOAEL: 6,66 mg/l

OECD Test Guideline 412

Subacute toxicity

male and female

Inhalation

365 d daily

NOAEL: 0,13 mg/l

LOAEL: 1,3 mg/l

OECD Test Guideline 453

Germ cell mutagenicity

Genotoxicity in vivo

Micronucleus test

Mouse

male and female

Intraperitoneal injection

Result: negative

Method: OECD Test Guideline 474

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Genotoxicity in vitro

Ames test

Salmonella typhimurium

Result: negative

Method: OECD Test Guideline 471

In vitro mammalian cell gene mutation test

Chinese hamster lung cells

Result: negative

Method: OECD Test Guideline 476

#### **SECTION 12. Ecological information**

#### **Mixture**

#### 12.1 Toxicity

No information available.

#### 12.2 Persistence and degradability

No information available.

#### 12.3 Bioaccumulative potential

No information available.

#### 12.4 Mobility in soil

No information available.

#### 12.5 Results of PBT and vPvB assessment

Substance(s) in the mixture do(es) not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII, or a PBT/vPvB assessment was not conducted.

#### 12.6 Other adverse effects

Additional ecological information

No interference with wastewater treatment plants are to be expected when used properly.

Discharge into the environment must be avoided.

#### **Components**

ethanol

Toxicity to fish

flow-through test EC50 Pimephales promelas (fathead minnow): 15.300 mg/l; 96 h

Analytical monitoring: yes

US-ÉPA

Toxicity to daphnia and other aquatic invertebrates

EC50 Daphnia magna (Water flea): 9.268 - 14.221 mg/l; 48 h

(IUCLID)

Toxicity to algae

IC5 Scenedesmus quadricauda (Green algae): 5.000 mg/l; 7 d

(Lit.)

Toxicity to bacteria

EC5 Pseudomonas putida: 6.500 mg/l; 16 h

(IUCLID)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) semi-static test NOEC Daphnia magna (Water flea): 9,6 mg/l; 9 d

(ECHA)

(IUCLID)

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```
Biodegradability
     94 %
     OECD Test Guideline 301E
     Readily biodegradable
     Biochemical Oxygen Demand (BOD)
     930 - 1.670 mg/g
     (Lit.)
     Theoretical oxygen demand (ThOD)
     2.100 mg/g
     (Lit.)
     Ratio COD/ThBOD
    90 %
     (Lit.)
     Partition coefficient: n-octanol/water
     log Pow: -0,31
     (experimental)
     (Lit.) Bioaccumulation is not expected.
     Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006,
     Annex XIII.
Methanol
     Toxicity to fish
     flow-through test LC50 Lepomis macrochirus (Bluegill sunfish): 15.400 mg/l; 96 h
     US-EPA
     Toxicity to daphnia and other aquatic invertebrates
     static test EC50 Daphnia magna (Water flea): > 10.000 mg/l; 48 h
     DIN 38412
     Toxicity to algae
     static test EC50 Pseudokirchneriella subcapitata (green algae): ca. 22.000 mg/l; 96 h
     OECD Test Guideline 201
     Toxicity to bacteria
     static test IC50 activated sludge: > 1.000 mg/l; 3 h
     Analytical monitoring: yes
     OECD Test Guideline 209
     Toxicity to fish (Chronic toxicity)
     NOEC Oryzias latipes (Orange-red killifish): 7.900 mg/l; 200 h
     (External MSDS)
     Biodegradability
     99 %; 30 d
OECD Test Guideline 301D
     Readily biodegradable
     Biochemical Oxygen Demand (BOD)
     600 - 1.120 mg/g
                           (5 d)
```

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Chemical Oxygen Demand (COD)

1.420 mg/g (IUCLID)

Theoretical oxygen demand (ThOD)

1.500 mg/g (Lit.)

Ratio BOD/ThBOD BOD5 76 % Closed Bottle test

Partition coefficient: n-octanol/water

log Pow: -0,77 (experimental)

(Lit.) Bioaccumulation is not expected.

Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

Stability in water

2,2 yr

reaction with hydroxyl radicals (IUCLID)

#### **SECTION 13. Disposal considerations**

Waste treatment methods

See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

## **SECTION 14. Transport information**

Land transport (ADR/RID)

**14.1 UN number** UN 1987

**14.2 Proper shipping** ALCOHOLS, N.O.S. (ETHANOL, METHANOL)

name

14.3 Class 3 14.4 Packing group II 14.5 Environmentally --

hazardous

14.6 Special precautions yes

for user

Tunnel restriction code D/E

## Inland waterway transport (ADN)

Not relevant

Air transport (IATA)

according to Regulation (EC) No. 1907/2006

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**14.1 UN number** UN 1987

**14.2 Proper shipping** ALCOHOLS, N.O.S. (ETHANOL, METHANOL)

name

14.3 Class314.4 Packing groupII14.5 Environmentally--

hazardous

14.6 Special precautions

for user

Sea transport (IMDG)

**14.1 UN number** UN 1987

**14.2 Proper shipping** ALCOHOLS, N.O.S. (ETHANOL, METHANOL)

no

name

14.3 Class314.4 Packing groupII14.5 Environmentally--

hazardous

14.6 Special precautions yes

for user

EmS F-E S-D

# 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

#### **SECTION 15. Regulatory information**

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

EU regulations

Major Accident Hazard SEVESO III

Legislation STOT SPECIFIC TARGET ORGAN TOXICITY – SINGLE

**EXPOSURE** 

Н3

Quantity 1: 50 t Quantity 2: 200 t

SEVESO III

FLAMMABLE LIQUIDS

P5c

Quantity 1: 5.000 t Quantity 2: 50.000 t

SEVESO III Methanol

22

Quantity 1: 500 t Quantity 2: 5.000 t

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Occupational restrictions Take note of Dir 94/33/EC on the protection of young

people at work. Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or

not regulated

stricter national regulations where applicable.

Regulation (EC) No 1005/2009 on substances not regulated

that deplete the ozone layer

Regulation (EC) No 850/2004 of the

European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

Substances of very high concern (SVHC) This product does not contain

substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of ≥ 0.1 %

(w/w).

National legislation Storage class

#### 15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out.

3

#### **SECTION 16. Other information**

#### Full text of H-Statements referred to under sections 2 and 3.

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H370	Causes damage to organs.

#### Training advice

Provide adequate information, instruction and training for operators.

according to Regulation (EC) No. 1907/2006

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#### Labelling

Hazard pictograms







#### Signal word Danger

#### Hazard statements

H225 Highly flammable liquid and vapour.

H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled.

H319 Causes serious eye irritation.

H370 Causes damage to organs (Eyes).

#### Precautionary statements

Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P240 Ground/bond container and receiving equipment.

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P311 IF exposed or concerned: Call a POISON CENTER/doctor.

Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Contains: Methanol

#### Key or legend to abbreviations and acronyms used in the safety data sheet

Used abbreviations and acronyms can be looked up at www.wikipedia.org.

#### Regional representation

This information is given on the authorised Safety Data Sheet for your country.

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of any properties of the product.

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