

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Date of issue: 10/31/2018 Version: 1.0

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

1.1. Product identifier

Product form : Substance

Trade name : Methanol, HPLC grade

EC Index-No. : 603-001-00-X EC-No. : 200-659-6 CAS-No. : 67-56-1

: 01-2119433307-44 REACH registration No

Product code : CL00.1363 Type of product : Pure substance

· CH4O Formula

: 420A reagent #5 / acetone alcohol / Al3-00409 / alcohol C1 / alcohol, methyl / carbinol / Synonyms

caswell No 552 / coat-B1400 / colonial spirit / colonial spirits / columbian spirit / columbian spirits / EPA pesticide chemical code 053801 / eureka products criosine disinfectant / eureka products, criosine / freers elm arrester / green wood spirits / holzin / HYDRANALstandard-methanol / ideal concentrated wood preservative / manhattan spirits / methanol / methanol chromasol / methyl alcohol / methyl hydrate / methyl hydroxide / Methylalcohol / methylen / methylol / monohydroxymethane / pyroligneous spirit / pyroxylic spirit / RCRA waste number U154 / standard wood spirits / surflo-B17 / wilbur-ellis smut-guard / wood

alcohol / wood naphtha / wood spirit / X-cide 402 industrial bactericide

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

#### 1.2.1. Relevant identified uses

Use of the substance/mixture : Laboratory chemical

#### 1.2.2. Uses advised against

No additional information available

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

Chem-Lab nv Industriezone "De Arend" 2 Zedelgem - Belgium T+32 50 288320

info@chem-lab.be - www.chem-lab.be

## 1.4. Emergency telephone number

Emergency number : +32 50 28 83 20

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 2 H225 Acute toxicity (inhal.), Category 3 H331 Acute toxicity (dermal), Category 3 H311 Acute toxicity (oral), Category 3 H301 Specific target organ toxicity — single exposure, Category 1 H370

Full text of H statements : see section 16

Specific concentration limits:

(3 = < C < 10)STOT SE 2, H371 (C >= 10)**STOT SE 1, H370** 

### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

## Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)





GHS02

GHS06

GHS08

Signal word (CLP) : Danger

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Hazard statements (CLP) : H225 - Highly flammable liquid and vapour.

H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled.

H370 - Causes damage to organs (central nervous system, eyes).

Precautionary statements (CLP) : P309+P311 - IF exposed or if you feel unwell: Call a POISON CENTER or

doctor/physician.

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

No smoking.

P233 - Keep container tightly closed.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - IF ON SKIN: Wash with plenty of water/....

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

Substance type : Mono-constituent

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Methanol, HPLC grade	(CAS-No.) 67-56-1 (EC-No.) 200-659-6 (EC Index-No.) 603-001-00-X (REACH-no) 01-2119433307-44	100	Flam. Liq. 2, H225 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 STOT SE 1, H370

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Methanol, HPLC grade	,	( 3 = <c 10)="" 2,="" <="" h371<br="" se="" stot="">(C &gt;= 10) STOT SE 1, H370</c>

Full text of H-statements: see section 16

## 3.2. Mixtures

Not applicable

## **SECTION 4: First aid measures**

,	4.1.	Descri	ption of	first aid	measures
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First-aid measures general : Check the vital functions. Unconscious: maintain adequate airway and respiration.

Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid.

Keep the victim calm, avoid physical strain. Never give alcohol to drink.

First-aid measures after inhalation : Remove the victim into fresh air. Immediately consult a doctor/medical service.

First-aid measures after skin contact : Wash immediately with lots of water. Soap may be used. Do not apply (chemical) neutralizing agents. Remove clothing before washing. Consult a doctor/medical service.

First-aid measures after eye contact : Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Take

victim to an ophthalmologist if irritation persists.

First-aid measures after ingestion : Rinse mouth with water. Give nothing to drink. Do not induce vomiting. Immediately consult a doctor/medical service. Call Poison Information Centre (www.big.be/antigif.htm).

Ingestion of large quantities: immediately to hospital. Take the container/vomit to the doctor/hospital. Doctor: administration of chemical antidote. Doctor: gastric lavage.

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

Symptoms/effects after inhalation : EXPOSURE TO HIGH CONCENTRATIONS: Coughing. Symptoms similar to those listed

under ingestion.

Symptoms/effects after skin contact : Symptoms similar to those listed under ingestion.

Symptoms/effects after eye contact : Redness of the eye tissue. Lacrimation.

Symptoms/effects after ingestion : Nausea. Vomiting. AFTER INGESTION OF HIGH QUANTITIES: FOLLOWING

SYMPTOMS MAY APPEAR LATER: Change in the haemogramme/blood composition. Headache. Feeling of weakness. Abdominal pain. Muscular pain. Central nervous system

depression. Dizziness. Mental confusion. Drunkenness. Coordination disorders. Disturbed motor response. Disturbances of consciousness. Visual disturbances. Blindness.

Respiratory difficulties. Cramps/uncontrolled muscular contractions.

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Chronic symptoms

: Red skin. Dry skin. Skin rash/inflammation. Headache. Disturbed tactile sensibility. Visual disturbances. Sleeplessness. Gastrointestinal complaints. Cardiac and blood circulation effects.

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

Hospitalize at once. Until victim can be cared for by specialized staff:

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media

: Quick-acting ABC powder extinguisher. Quick-acting BC powder extinguisher. Quick-acting class B foam extinguisher. Quick-acting CO2 extinguisher. Class B foam (alcohol-

resistant). Water spray if puddle cannot expand.

Unsuitable extinguishing media : Water (quick-acting extinguisher, reel); risk of puddle expansion. Water; risk of puddle

expansion.

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

Fire hazard

: DIRECT FIRE HAZARD: Highly flammable liquid and vapour. Gas/vapour flammable with air within explosion limits. INDIRECT FIRE HAZARD: May be ignited by sparks.

Explosion hazard

: DIRECT EXPLOSION HAZARD: Gas/vapour explosive with air within explosion limits. INDIRECT EXPLOSION HAZARD: may be ignited by sparks. Reactions with explosion

hazards: see "Reactivity Hazard".

Hazardous decomposition products in case of fire

: Upon combustion: CO and CO2 are formed.

### 5.3. Advice for firefighters

Firefighting instructions

: Cool tanks/drums with water spray/remove them into safety. Do not move the load if exposed to heat. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Protective equipment

: Gas-tight suit.

**Emergency procedures** 

: Keep upwind. Mark the danger area. Consider evacuation. Close doors and windows of adjacent premises. Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment. Keep containers closed. Wash contaminated clothes.

#### 6.1.2. For emergency responders

Protective equipment

: Compressed air/oxygen apparatus.

#### 6.2. Environmental precautions

Prevent soil and water pollution. Prevent spreading in sewers.

## 6.3. Methods and material for containment and cleaning up

For containment

: Contain released product, pump into suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill. Try to reduce evaporation. Measure the concentration of the explosive gas-air mixture. Dilute combustible/toxic gases/vapours with water spray. Take account of toxic/corrosive precipitation water. Provide equipment/receptacles with earthing. Do not use compressed air for pumping over spills.

Methods for cleaning up

: Take up liquid spill into a non combustible material e.g.: sand, earth, vermiculite slaked lime or soda ash. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Damaged/cooled tanks must be emptied. Do not use compressed air for pumping over spills. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

## 6.4. Reference to other sections

No additional information available

### **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

Precautions for safe handling

: Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Measure the concentration in the air regularly. Work under local exhaust/ventilation. Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Handle uncleaned empty containers as full ones. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Do not use compressed air for pumping over. Keep container tightly closed.

Hygiene measures

: Observe very strict hygiene - avoid contact.

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

Heat and ignition sources

: KEEP SUBSTANCE AWAY FROM: heat sources. ignition sources.

Information on mixed storage

: KEEP SUBSTANCE AWAY FROM: combustible materials. oxidizing agents. (strong) acids. (strong) bases. halogens. amines. water/moisture.

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Storage area : Store in a cool area. Store in a dry area. Keep container in a well-ventilated place.

Fireproof storeroom. Keep locked up. Provide for a tub to collect spills. Provide the tank with earthing. Unauthorized persons are not admitted. Aboveground. Meet the legal

requirements.

Special rules on packaging : SPECIAL REQUIREMENTS: closing. dry. clean. correctly labelled. meet the legal

requirements. Secure fragile packagings in solid containers.

Packaging materials : SUITABLE MATERIAL: steel. stainless steel. iron. glass. MATERIAL TO AVOID: lead.

aluminium. zinc. polyethylene. PVC.

### 7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection		
8.1. Control parameters		
Methanol, HPLC grade (67-56-1)		
EU	IOELV TWA (mg/m³)	260 mg/m³
EU	IOELV TWA (ppm)	200 ppm
Belgium	Limit value (mg/m³)	266 mg/m³
Belgium	Limit value (ppm)	200 ppm
Belgium	Short time value (mg/m³)	333 mg/m³
Belgium	Short time value (ppm)	250 ppm
France	VME (mg/m³)	260 mg/m³
France	VME (ppm)	200 ppm
France	VLE (mg/m³)	1300 mg/m³
France	VLE (ppm)	1000 ppm
Netherlands	Grenswaarde TGG 8H (mg/m³)	133 mg/m³
Netherlands	Grenswaarde TGG 8H (ppm)	100 ppm
United Kingdom	WEL TWA (mg/m³)	266 mg/m³
United Kingdom	WEL TWA (ppm)	200 ppm
United Kingdom	WEL STEL (mg/m³)	333 mg/m³
United Kingdom	WEL STEL (ppm)	250 ppm
USA - ACGIH	ACGIH TWA (ppm)	200 ppm
USA - ACGIH	ACGIH STEL (ppm)	250 ppm

#### Methanol, HPLC grade (67-56-1) **DNEL/DMEL (Workers)** Acute - systemic effects, dermal 40 mg/kg bw/day Acute - systemic effects, inhalation 260 mg/m<sup>3</sup> Acute - local effects, inhalation 260 mg/m<sup>3</sup> Long-term - systemic effects, dermal 40 mg/kg bw/day Long-term - systemic effects, inhalation 260 mg/m<sup>3</sup> Long-term - local effects, inhalation 260 mg/m<sup>3</sup> **DNEL/DMEL** (General population) Acute - systemic effects, dermal 8 mg/kg bw/day Acute - systemic effects, inhalation 50 mg/m<sup>3</sup> Acute - systemic effects, oral 8 mg/kg bw/day Acute - local effects, inhalation 50 mg/m<sup>3</sup> Long-term - systemic effects,oral 8 mg/kg bw/day Long-term - systemic effects, inhalation 50 mg/m<sup>3</sup> Long-term - systemic effects, dermal 8 mg/kg bw/day Long-term - local effects, inhalation 50 mg/m<sup>3</sup>

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Methanol, HPLC grade (67-56-1)		
PNEC (Water)		
PNEC aqua (freshwater)	20.8 mg/l	
PNEC aqua (marine water)	2.08 mg/l	
PNEC (Sediment)		
PNEC sediment (freshwater)	77 mg/kg dwt	
PNEC sediment (marine water)	7.7 mg/kg dwt	
PNEC (Soil)		
PNEC soil 100 mg/kg dwt		
PNEC (STP)		
PNEC sewage treatment plant	100 mg/l	

## 8.2. Exposure controls

#### Materials for protective clothing:

GIVE GOOD RESISTANCE: polyethylene/ethylenevinylalcohol. styrene-butadiene rubber. viton. GIVE LESS RESISTANCE: chloroprene rubber. chlorinated polyethylene. natural rubber. nitrile rubber/PVC. GIVE POOR RESISTANCE: leather. neoprene. nitrile rubber. polyethylene. PVA. PVC. polyurethane

#### Hand protection:

Protective gloves against chemicals (EN374)

## Eye protection:

Safety glasses

#### Skin and body protection:

Head/neck protection. Protective clothing

## Respiratory protection:

Full face mask with filter type AX at conc. in air > exposure limit. High vapour/gas concentration: self-contained respirator

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Liquid.
Molecular mass : 32.04 g/mol
Colour : Colourless.

Odour : Characteristic odour. Mild odour. Pleasant odour. Alcohol odour. Commercial/unpurified

substance: irritating/pungent odour.

Odour threshold : No data available pH : No data available

Relative evaporation rate (butylacetate=1) : 4.1 Relative evaporation rate (ether=1) : 6.3 Melting point : -97.8  $^{\circ}$ C

Freezing point : No data available
Boiling point : 64.7 °C (1013 hPa)

Flash point : 9.7 °C (Closed cup, 1013 hPa, EU Method A.9: Flash-Point)

Critical temperature : 240 °C

Auto-ignition temperature : 455 °C (1013 hPa, DIN 51794: Self-ignition temperature)

Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : 128 hPa (20 °C)
Vapour pressure at 50 °C : 552 hPa
Critical pressure : 79547 hPa

Relative vapour density at 20 °C : 1.1

Relative density : 0.79 - 0.80 (20 °C)

Relative density of saturated gas/air mixture : 1

Density : 790 - 800 kg/m³ (20 °C)

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Solubility : Soluble in water, Soluble in ethanol, Soluble in ether, Soluble in acetone, Soluble in

chloroform.

Water: 100 g/100ml (20 °C)

Ethanol: complete Ether: complete Acetone: complete

Log Pow : -0.77 (Experimental value)

Viscosity, kinematic : No data available

Viscosity, dynamic : 0.544 - 0.59 mPa.s (25 °C)

Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : 5.5 - 36.5 vol %
Lower explosive limit (LEL) : 5.5 vol %
Upper explosive limit (UEL) : 36.5 vol %

9.2. Other information

Minimum ignition energy : 0.14 mJ
Saturation concentration : 166 g/m³
VOC content : 100 %

Other properties : Clear. Hygroscopic. Volatile. Neutral reaction.

## **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

Violent to explosive reaction with (some) metal powders and with (strong) oxidizers. Violent exothermic reaction with (some) acids and with (some) halogens compounds.

## 10.2. Chemical stability

Hygroscopic.

#### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

## 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

On heating: release of toxic/corrosive/combustible gases/vapours (formaldehyde).

## SECTION 11: Toxicological information

11.1. Information on toxicological eff	fects
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Acute toxicity (oral) : Oral: Toxic if swallowed.

Acute toxicity (dermal) : Dermal: Toxic in contact with skin.

Acute toxicity (inhalation) : Inhalation: Toxic if inhaled.

Methanol, HPLC grade (67-56-1)	
LD50 oral rat	1187 - 2769 mg/kg bodyweight (BASF test, Rat, Male/female, Weight of evidence, Aqueous solution, Oral, 7 day(s))
LD50 dermal rabbit	17100 mg/kg (Rabbit, Inconclusive, insufficient data, Dermal)
LC50 inhalation rat (mg/l)	128.2 mg/l air (BASF test, 4 h, Rat, Male/female, Experimental value, Inhalation (vapours))
Skin corrosion/irritation	: Not classified

Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified

STOT-single exposure : Causes damage to organs (central nervous system, eyes).

STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

Potential adverse human health effects and

symptoms

: Causes damage to organs (central nervous system, eyes (blindness)). Odour threshold is well above the exposure limit. Produces effects on the nervous system. Toxic if swallowed. Toxic in contact with skin. Not irritant to skin. Toxic if inhaled. Not irritant to eyes. Caution! Substance is absorbed through the skin.

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SECTION 12: Ecological information	
12.1. Toxicity	
0, 0	Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008.
	Not included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014). Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009).
<i></i>	Not harmful to crustacea. Not harmful to fishes. Groundwater pollutant. Inhibition of activated sludge. Nitrification of activated sludge is inhibited. Not harmful to algae. Not harmful to bacteria.
Acute aquatic toxicity :	Not classified
Chronic aquatic toxicity :	Not classified
Methanol, HPLC grade (67-56-1)	
LC50 fish 1	15400 mg/l (EPA 660/3 - 75/009, 96 h, Lepomis macrochirus, Flow-through system, Fresh water, Experimental value, Lethal)
EC50 Daphnia 1	18260 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 96 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, Locomotor effect)
ErC50 (algae)	22000 mg/l (OECD 201: Alga, Growth Inhibition Test, 96 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value)
12.2. Persistence and degradability	
Methanol, HPLC grade (67-56-1)	
Persistence and degradability	Readily biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.6 - 1.12 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.42 g O₂/g substance
ThOD	1.5 g O <sub>2</sub> /g substance
12.3. Bioaccumulative potential	
Methanol, HPLC grade (67-56-1)	
BCF fish 1	1 - 4.5 (72 h, Cyprinus carpio, Static system, Fresh water, Experimental value)
Log Pow	-0.77 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
12.4. Mobility in soil	
Methanol, HPLC grade (67-56-1)	
Surface tension	0.023 N/m (20 °C)
Log Koc	0.088 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil.
12.5. Results of PBT and vPvB assessment	
Methanol, HPLC grade (67-56-1)	
This substance/mixture does not meet the PBT criteria	of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria	of REACH regulation, annex XIII

## 12.6. Other adverse effects

No additional information available

## **SECTION 13: Disposal considerations**

13.1. Wa	ste treatmer	nt methods
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Product/Packaging disposal recommendations

Do not discharge into drains or the environment. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Recycle by distillation. Incinerate under surveillance with energy recovery. Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.

Additional information : Hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.

European List of Waste (LoW) code : 15 01 10\* - packaging containing residues of or contaminated by dangerous substances 07 01 04\* - other organic solvents, washing liquids and mother liquors

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## **SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1230	1230	1230	1230	1230
14.2. UN proper shippin	g name			
Methanol	Methanol	Methanol	Methanol	Methanol
Transport document descr	iption			
UN 1230 Methanol, 3 (6.1), II, (D/E)	UN 1230 Methanol, 3 (6.1), II	UN 1230 Methanol, 3 (6.1), II	UN 1230 Methanol, 3 (6.1), II	UN 1230 Methanol, 3 (6.1), II
14.3. Transport hazard	class(es)			
3 (6.1)	3 (6.1)	3 (6.1)	3 (6.1)	3 (6.1)
3	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	3	3	3
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No

# No supplementary information available 14.6. Special precautions for user

### **Overland transport**

Transport regulations (ADR) : Subject to the provisions

Classification code (ADR) : FT1
Hazard identification number (Kemler No.) : 336

Orange plates :

336 1230

Tunnel restriction code (ADR) : D/E
EAC code : •2WE

Transport by sea

Transport regulations (IMDG) : Subject to the provisions

 EmS-No. (Fire)
 : F-E

 EmS-No. (Spillage)
 : S-D

 MFAG-No
 : 19

Air transport

Transport regulations (IATA) : Subject to the provisions

Inland waterway transport

Classification code (ADN) : FT1
Carriage permitted (ADN) : T

Rail transport

Transport regulations (RID) : Subject to the provisions

Classification code (RID) : FT1

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

Not applicable

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#### **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Methanol, HPLC grade is not on the REACH Candidate List Methanol, HPLC grade is not on the REACH Annex XIV List

VOC content : 100 %

Directive 2012/18/EU (SEVESO III)

#### 15.1.2. National regulations

#### Germany

Reference to AwSV : Water hazard class (WGK) 2, significant hazard to water (Classification according to

AwSV; ID No. 145)

12th Ordinance Implementing the Federal

Immission Control Act - 12.BImSchV

: Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance)

TA Luft : 5.2.5 Organic Substances. Class I

Netherlands

SZW-lijst van kankerverwekkende stoffen : The substance is not listed SZW-lijst van mutagene stoffen : The substance is not listed NIET-limitatieve lijst van voor de voortplanting : The substance is not listed

giftige stoffen - Borstvoeding

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen - Vruchtbaarheid

: The substance is not listed

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen - Ontwikkeling

: The substance is not listed

Denmark

: Class I-1 Class for fire hazard Store unit : 1 liter

Classification remarks : F <Flam. Liq. 2>; Emergency management guidelines for the storage of flammable liquids

must be followed

**Danish National Regulations** : Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with

the product

## 15.2. Chemical safety assessment

No additional information available

#### **SECTION 16: Other information**

Full text of H- and EUH-statements:		
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3	
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
Flam. Liq. 2	Flammable liquids, Category 2	
STOT SE 1	Specific target organ toxicity — single exposure, Category 1	
H225	Highly flammable liquid and vapour.	
H301	Toxic if swallowed.	
H311	Toxic in contact with skin.	
H331	Toxic if inhaled.	
H370	Causes damage to organs.	

#### SDS Zonder Big

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product