

### Safety Data Sheet

acc. to OSHA HCS

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Revision date 09/05/2024

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#### **1 Identification**

- · Product identifier
- · Trade name: JWH 122-d9
- · Synonym (4-methyl-1-naphthalenyl)(1-pentyl-1H-indol-3-yl)-methanone-2,2',3,3',4,4',5,5,5-d9
- Article number: 10512
- **Application of the substance / the mixture** This product is for research use - Not for human or veterinary diagnostic or therapeutic use.
- Details of the supplier of the safety data sheet
   Manufacturer/Supplier: Cayman Chemical Co.
   1180 E. Ellsworth Rd. Ann Arbor, MI 48108 USA
- Information department: Product safety department
   Emergency telephone number: During normal opening times: +1 (734) 971-3335 US/CANADA: 800-424-9300 Outside US/CANADA: 703-741-5970

#### 2 Hazard(s) identification

#### · Classification of the substance or mixture

GHS02 Flame

Flammable Liquids 2

GHS06 Skull and crossbones

Acute Toxicity - Oral 3 Acute Toxicity - Dermal 3 Acute Toxicity - Inhalation 3 H225 Highly flammable liquid and vapor.

H301 Toxic if swallowed. H311 Toxic in contact with skin. H331 Toxic if inhaled.



GHS08 Health hazard

Specific Target Organ Toxicity - Single Exposure 1 H370 Causes damage to the central nervous system and the visual organs.

· Label elements

#### · GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

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Trade name: JWH 122-d9

· Hazard pictogr	(Contd. from page 1)			
	$\mathbf{A}$			
GHS02 GHS0	D6 GHS08			
· Signal word Da	anger			
<ul> <li>Hazard-determ</li> <li>Methanol</li> </ul>	ining components of labeling:			
<ul> <li>Hazard stateme</li> </ul>	ents			
H225	Highly flammable liquid and vapor.			
H301+H311+H3	331 Toxic if swallowed, in contact with skin or if inhaled.			
H370	Causes damage to the central nervous system and the visual organs.			
· Precautionary	statements			
P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.			
P240	Ground/bond container and receiving equipment.			
P241	Use explosion-proof electrical/ventilating/lighting/equipment.			
P242	Use only non-sparking tools.			
P243	Take precautionary measures against static discharge.			
P260	Do not breathe dust/fume/gas/mist/vapors/spray.			
P264	Wash thoroughly after handling.			
P270	Do not eat, drink or smoke when using this product.			
P271	Use only outdoors or in a well-ventilated area.			
P280	Wear protective gloves/protective clothing/eye protection/face protection.			
P301+P310	If swallowed: Immediately call a poison center/doctor.			
P321	Specific treatment (see on this label).			
P330	Rinse mouth.			
P303+P361+P3	53 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with			
	water/shower.			
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.			
P307+P311	IF exposed: Call a POISON CENTER or doctor/physician.			
P312	Call a poison center/doctor if you feel unwell.			
P361+P364	Take off immediately all contaminated clothing and wash it before reuse.			
P370+P378	In case of fire: Use CO2, powder or water spray to extinguish.			
P403+P233	Store in a well-ventilated place. Keep container tightly closed.			
P403+P235	Store in a well-ventilated place. Keep cool.			
P405 P501	Store locked up.			
F301	Dispose of contents/container in accordance with local/regional/national/international			
Classification	regulations.			
· Classification system: · NFPA ratings (scale 0 - 4)				
	ealth = 2			
	e = 3			
	e = 3 eactivity = 0			
· HMIS-ratings (s	· HMIS-ratings (scale 0 - 4)			

HEALTH\*2FIRE3Fire = 3REACTIVITY 0Reactivity = 0

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99.5%

0.5%

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- · Other hazards
- Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · vPvB: Not applicable.

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

· Chemical characterization: Mixtures

· Description: Mixture of the substances listed below with nonhazardous additions.

- · Dangerous components:
- CAS: 67-56-1 Methanol
- RTECS: PC1400000

Other ingredients

1651833-50-9 JWH 122-d9

#### **4 First-aid measures**

#### · Description of first aid measures

General information:

Immediately remove any clothing soiled by the product.

Remove breathing apparatus only after contaminated clothing have been completely removed.

In case of irregular breathing or respiratory arrest provide artificial respiration.

• After inhalation:

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: Do not induce vomiting; immediately call for medical help.
- · Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

#### **5 Fire-fighting measures**

- Extinguishing media
- Suitable extinguishing agents:
- CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Special hazards arising from the substance or mixture
- 67-56-1During heating or in case of fire poisonous gases are produced.
- Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

#### 6 Accidental release measures

 Personal precautions, protective equipment and emergency procedures Mount respiratory protective device.
 Wear protective equipment. Keep unprotected persons away.

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<ul> <li>Environmental precautions: Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.</li> <li>Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.</li> <li>Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.</li> <li>Protective Action Criteria for Chemicals</li> </ul>
· PAC-1:
67-56-1 Methanol 530 ppm
PAC-2:
67-56-1 Methanol 2,100 ppm
PAC-3:
67-56-1 Methanol 7200* ppm

#### 7 Handling and storage

- · Handling:
- · Precautions for safe handling Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Prevent formation of aerosols.
- · Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Keep respiratory protective device available.

· Conditions for safe storage, including any incompatibilities

- Storage: Store in accordance with information listed on the product insert.
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles.
- Specific end use(s) No further relevant information available.

#### 8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see section 7.
- · Control parameters

Components with limit values that require monitoring at the workplace:

#### 67-56-1 Methanol

- PEL Long-term value: 260 mg/m<sup>3</sup>, 200 ppm
- REL Short-term value: 325 mg/m<sup>3</sup>, 250 ppm
  - Long-term value: 260 mg/m<sup>3</sup>, 200 ppm Skin

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<b>T</b> 1 \ /	(Contd. from page 4
	Short-term value: 250 ppm _ong-term value: 200 ppm
	Skin; BEIc
Ingre	dients with biological limit values:
	-1 Methanol
	5 mg/L
	1edium: urine ime: end of shift
	arameter: Methanol (background, nonspecific)
	ional information: The lists that were valid during the creation were used as basis.
Expo	sure controls
	nal protective equipment:
	ral protective and hygienic measures:
	away from foodstuffs, beverages and feed.
	diately remove all soiled and contaminated clothing. hands before breaks and at the end of work.
	protective clothing separately.
	contact with the eyes and skin.
	hing equipment:
In cas	e of brief exposure or low pollution use respiratory filter device. In case of intensive or longe
	ure use respiratory protective device that is independent of circulating air.
Prote	ction of hands:
ill.	
An A	Protective gloves
	ove material has to be impermeable and resistant to the product/ the substance/ the preparation
	o missing tests no recommendation to the glove material can be given for the product/ th
	ration/ the chemical mixture. tion of the glove material on consideration of the penetration times, rates of diffusion and th
degra	
	ial of gloves
	election of the suitable gloves does not only depend on the material, but also on further marks
	y and varies from manufacturer to manufacturer. As the product is a preparation of sever
	ances, the resistance of the glove material can not be calculated in advance and has therefore
	ecked prior to the application. ration time of glove material
	xact break through time has to be found out by the manufacturer of the protective gloves and ha
	bbserved.
Eye p	rotection:
	Tightly sealed goggles

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<ul> <li>Information on basic physical and chemical properties</li> <li>General Information</li> <li>Appearance: Form: Liquid Color: According to product specification</li> <li>Odor: According to product specification</li> <li>Odor: C25H160PNO</li> <li>Molecular Weight S64.5 g/mol</li> <li>Odor threshold: Not determined.</li> <li>Pornulation A solution in methanol</li> <li>pH-value: Not determined.</li> <li>Change in condition Melting point/Melting range: 98 °C (-144.4 °F) Boiling point/Boiling range: 64.7 °C (148.5 °F)</li> <li>Flash point: 11 °C (51.8 °F)</li> <li>Flash point: Highly flammable.</li> <li>Auto igniting: 455 °C (851 °F)</li> <li>Decomposition temperature: Not determined.</li> <li>Ignition temperature: Product is not explosive. However, formation of explosive ai vapor mixtures are possible.</li> <li>Explosion limits: Lower: 5.5 Vol % Upper: 44 Vol %</li> <li>Vapor pressure at 20 °C (68 °F): 0.79 g/cm² (6.59255 lbs/gal) Kot determined.</li> <li>Solubility in / Miscibility with Water at 20 °C (68 °F): 0.79 g/cm² (6.59255 lbs/gal) Kitermined.</li> <li>Vapor density Not determined.</li> <li>Vapor density Not determined.</li> <li>Vapor density: Voc content: 99.5 % VOC content: 99.5 % VOC content: 99.5 % VOC content: 0,5 % UContent: 0,5 % UContent:</li></ul>		a hann fa a hann an aite a
Form:       Liquid         Color:       According to product specification         Odor:       According to product specification         Odor:       According to product specification         Structural Formula       C25H16D9NO         Molecular Weight       364.5 g/mol         Odor threshold:       Not determined.         Formulation       A solution in methanol         pH-value:       Not determined.         Change in condition	General Information	chemical properties
Color:According to product specificationOdor:Alcohol-likeStructural FormulaC25H16DSNOMolecular Weight364.5 g/molOdor threshold:Not determined.FormulationA solution in methanolpH-value:Not determined.Charge in condition98 °C (-144.4 °F)Boiling point/Boiling range:-98 °C (-144.5 °F)Flash point/Boiling range:64.7 °C (148.5 °F)Flash point:11 °C (51.8 °F)Flammability:Highly flammable.Auto igniting:455 °C (851 °F)Decomposition temperature:Not determined.Ignition temperature:Product is not selfigniting.Dager of explosion:Product is not selfigniting.Upper:44 Vol %Vapor pressure at 20 °C (68 °F):128 hPa (96 mm Hg)Oensity at 20 °C (68 °F):1000 g/lVapor attion rateNot determined.Solubility in / Miscibility with Water at 20 °C (68 °F):1000 g/lPartition coefficient (n-octanol/water): Not determined.Viscosity: Dynamic: Not determined.Viscosity:Dynamic: Not determined.Solubility in / Miscibility with Water at 20 °C (68 °F):Not determined.Solubility in / Miscibility with Water at 20 °C (68 °F):Not determined.Solubility in / Miscibility with Water at 20 °C (68 °F):Not determined.Solubility in / Miscibility with Wot determined.Not determined.Solubility in / Miscibility with Wot determined.Not determined.Solubility in / Miscibility with<	••	Liquid
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Lower:5.5 Vol %Upper:44 Vol %Vapor pressure at 20 °C (68 °F):128 hPa (96 mm Hg)Density at 20 °C (68 °F):0.79 g/cm³ (6.59255 lbs/gal)Relative densityNot determined.Vapor densityNot determined.Vapor densityNot determined.Solubility in / Miscibility with Water at 20 °C (68 °F):1000 g/lPartition coefficient (n-octanol/water):Not determined.Viscosity:Dynamic: Not determined.Dynamic:Not determined.SolubilITYDMF: 15 mg/ml; DMSO: 15 mg/ml; Ethanol: 5 mg/mlSolvent content:99.5 % 995.0 g/l / 8.30 lb/galSolids content:0.5 %	<sup>.</sup> Danger of explosion:	Product is not explosive. However, formation of explosive air vapor mixtures are possible.
Upper:44 Vol %Vapor pressure at 20 °C (68 °F):128 hPa (96 mm Hg)• Density at 20 °C (68 °F):0.79 g/cm³ (6.59255 lbs/gal)• Relative densityNot determined.• Vapor density1000 g/l• Partition coefficient (n-octanol/water): Not determined.• Viscosity:Dynamic:Dynamic:Not determined.• Not determined.SoluBilLITYDMF: 15 mg/ml; DMSO: 15 mg/ml; Ethanol: 5 mg/ml• Solvent content:99.5 %• VOC content:99.50 %• 99.50 g/l / 8.30 lb/galSolids content:0.5 %	· Explosion limits:	
• Vapor pressure at 20 °C (68 °F):       128 hPa (96 mm Hg)         • Density at 20 °C (68 °F):       0.79 g/cm³ (6.59255 lbs/gal)         • Relative density       Not determined.         • Vapor density in / Miscibility with       Wot determined.         • Vater at 20 °C (68 °F):       1000 g/l         • Partition coefficient (n-octanol/water): Not determined.          • Viscosity:       Not determined.         • Viscosity:       Not determined.         • Viscosity:       Not determined.         • Kinematic:       Not determined.         • SoluBILITY       DMF: 15 mg/ml; DMSO: 15 mg/ml; Ethanol: 5 mg/ml         • Solvent content:       99.5 %         • VOC content:       99.50 %         • 99.50 g/l / 8.30 lb/gal       995.0 g/l / 8.30 lb/gal         Solids content:       0.5 %		
Density at 20 °C (68 °F):       0.79 g/cm³ (6.59255 lbs/gal)         Relative density       Not determined.         Vapor density       Not determined.         Vapor density       Not determined.         Solubility in / Miscibility with Water at 20 °C (68 °F):       1000 g/l         • Partition coefficient (n-octanol/water):       Not determined.         • Viscosity:       Dynamic:         Dynamic:       Not determined.         SoluBILITY       DMF: 15 mg/ml; DMSO: 15 mg/ml; Ethanol: 5 mg/ml         • Solvent content:       99.5 %         Organic solvents:       99.5 %         VOC content:       99.50 %         995.0 g/l / 8.30 lb/gal       Solids content:         0.5 %       0.5 %	Upper:	44 Vol %
Relative density       Not determined.         Vapor density       Not determined.         Evaporation rate       Not determined.         Solubility in / Miscibility with Water at 20 °C (68 °F):       1000 g/l         Partition coefficient (n-octanol/water): Not determined.         Viscosity:       Dynamic:         Dynamic:       Not determined.         SoluBILITY       DMF: 15 mg/ml; DMSO: 15 mg/ml; Ethanol: 5 mg/ml         Solvent content:       99.5 %         VOC content:       99.50 %         995.0 g/l / 8.30 lb/gal       995.0 g/l / 8.30 lb/gal	· Vapor pressure at 20 °C (68 °F):	128 hPa (96 mm Hg)
· Vapor density       Not determined.         · Evaporation rate       Not determined.         · Solubility in / Miscibility with Water at 20 °C (68 °F):       1000 g/l         · Partition coefficient (n-octanol/water):       Not determined.         · Viscosity: Dynamic: SOLUBILITY       Not determined.         · Viscosity: Dynamic: SOlvent content:       Not determined.         · Viscosity: Dynamic:       Not determined.         · Viscosity: Dynamic:       Not determined.         · Voc content:       99.5 %         · VOC content:       99.50 %         · Solids content:       0.5 %		0.79 g/cm³ (6.59255 lbs/gal)
• Evaporation rate       Not determined.         • Solubility in / Miscibility with       1000 g/l         • Vater at 20 °C (68 °F):       1000 g/l         • Partition coefficient (n-octanol/water): Not determined.       •         • Viscosity:       Dynamic:         Dynamic:       Not determined.         Kinematic:       Not determined.         SOLUBILITY       DMF: 15 mg/ml; DMSO: 15 mg/ml; Ethanol: 5 mg/ml         • Solvent content:       99.5 %         Organic solvents:       99.50 %         995.0 g/l / 8.30 lb/gal       995.0 g/l / 8.30 lb/gal	-	
Solubility in / Miscibility with Water at 20 °C (68 °F):       1000 g/l         Partition coefficient (n-octanol/water): Not determined.         'Viscosity:       Dynamic:         Dynamic:       Not determined.         Kinematic:       Not determined.         SOLUBILITY       DMF: 15 mg/ml; DMSO: 15 mg/ml; Ethanol: 5 mg/ml         'Solvent content:       99.5 %         Organic solvents:       99.50 %         995.0 g/l / 8.30 lb/gal       995.0 g/l / 8.30 lb/gal		
Water at 20 °C (68 °F):       1000 g/l         Partition coefficient (n-octanol/water): Not determined.         'Viscosity:       Not determined.         Dynamic:       Not determined.         Kinematic:       Not determined.         SOLUBILITY       DMF: 15 mg/ml; DMSO: 15 mg/ml; Ethanol: 5 mg/ml         'Solvent content:       99.5 %         VOC content:       99.50 %         995.0 g/l / 8.30 lb/gal       0.5 %	•	Not determined.
Partition coefficient (n-octanol/water): Not determined.         Viscosity:       Not determined.         Dynamic:       Not determined.         Kinematic:       Not determined.         SOLUBILITY       DMF: 15 mg/ml; DMSO: 15 mg/ml; Ethanol: 5 mg/ml         Solvent content:       99.5 %         VOC content:       99.50 %         995.0 g/l / 8.30 lb/gal       995.0 g/l / 8.30 lb/gal		1000 a/l
Dynamic:Not determined.Kinematic:Not determined.SOLUBILITYDMF: 15 mg/ml; DMSO: 15 mg/ml; Ethanol: 5 mg/mlSolvent content:99.5 %Organic solvents:99.50 %VOC content:99.50 %995.0 g/l / 8.30 lb/galSolids content:0.5 %		5
Dynamic:Not determined.Kinematic:Not determined.SOLUBILITYDMF: 15 mg/ml; DMSO: 15 mg/ml; Ethanol: 5 mg/mlSolvent content:99.5 %Organic solvents:99.50 %VOC content:99.50 %995.0 g/l / 8.30 lb/galSolids content:0.5 %	•	-
Kinematic: SOLUBILITYNot determined. DMF: 15 mg/ml; DMSO: 15 mg/ml; Ethanol: 5 mg/mlSolvent content: Organic solvents:99.5 % 99.50 % 995.0 g/l / 8.30 lb/galSolids content:0.5 %		Not determined.
Solvent content:       99.5 %         Organic solvents:       99.50 %         VOC content:       995.0 g/l / 8.30 lb/gal         Solids content:       0.5 %	Kinematic:	
Organic solvents:         99.5 %           VOC content:         99.50 %           995.0 g/l / 8.30 lb/gal         995.0 g/l / 8.30 lb/gal	SOLUBILITY	DMF: 15 mg/ml; DMSO: 15 mg/ml; Ethanol: 5 mg/ml
VOC content:         99.50 %           995.0 g/l / 8.30 lb/gal           Solids content:         0.5 %		
995.0 g/l / 8.30 lb/gal           Solids content:         0.5 %		
Solids content: 0.5 %	VOC content:	
	• • • • •	
	Solids content:	

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· Other information

No further relevant information available.

#### **10 Stability and reactivity**

- · Reactivity No further relevant information available.
- · Chemical stability
- Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · **Incompatible materials:** oxidizing agents, reducing agents
- · Hazardous decomposition products: carbon dioxide, carbon monoxide

#### **11 Toxicological information**

· Information on toxicological effects

• Acute toxicity:

#### · LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimate)			
Oral	LD50	101 mg/kg (rat)	
Dermal	LD50	101 mg/kg (rat) 302 mg/kg (rabbit)	
Inhalative	LC50/4 h	3.12 mg/l (rat)	

#### 67-56-1 Methanol

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Oral	LD50	100.1 mg/kg (rat) (Expert judgment)
		Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Tab 3.1/3.2) Symptoms: Nausea, Vomiting
Dermal	LD50	300.1 mg/kg (rabbit) (Expert judgment) Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Tab 3.1/3.2)
Inhalative	LC50/4 h	<ul> <li>3.1 mg/l (rat)</li> <li>(Expert judgment)</li> <li>Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Tab 3.1/3.2)</li> <li>Symptoms: Irritation symptoms in the respiratory tract.</li> </ul>

on the eye: No irritating effect.

· Sensitization: No sensitizing effects known.

• Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Toxic

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- · Carcinogenic categories
- · IARC (International Agency for Research on Cancer)
- None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

#### OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

#### **12 Ecological information**

- · Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- Additional ecological information:

· General notes:

Water hazard class 2 (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

- · Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- Other adverse effects No further relevant information available.

#### **13 Disposal considerations**

- · Waste treatment methods
- · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- Uncleaned packagings:
- **Recommendation:** Disposal must be made according to official regulations.
- · Recommended cleansing agent: Water, if necessary with cleansing agents.

# 14 Transport information • UN-Number • DOT, IMDG, IATA • UN proper shipping name • DOT, IATA • IMDG Methanol • IMDG

US

## Safety Data Sheet acc. to OSHA HCS

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(Contd. from page 8) · Transport hazard class(es) · DOT · Class **3** Flammable liquids · Label 3, 6.1 ·IMDG · Class **3 Flammable liquids** · Label 3/6.1 · IATA · Class **3** Flammable liquids · Label 3 (6.1) Packing group · DOT, IMDG, IATA Ш · Environmental hazards: Not applicable. · Special precautions for user Warning: Flammable liquids · Hazard identification number (Kemler code): 336 · EMS Number: F-E,S-D Stowage Category В Stowage Code SW2 Clear of living quarters. · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable. · Transport/Additional information: · DOT · Quantity limitations On passenger aircraft/rail: 1 L On cargo aircraft only: 60 L ·IMDG · Limited quantities (LQ) 1L Excepted quantities (EQ) Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml ·IATA · Remarks: When sold in guantities of less than or equal to 1 mL, or 1 g, with an Excepted Quantity Code of E1, E2, E4, or E5, this item meets the De Minimis Quantities exemption, per IATA 2.6.10. (Contd. on page 10)

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	Therefore packaging does not have to be labeled as Dangerous Goods/Excepted Quantity.
· UN "Model Regulation":	UN 1230 METHANOL, 3 (6.1), II

#### **15 Regulatory information**

· Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

· Sara		
· Section 355 (extremely hazardous substances):		
None of the ingredients is listed.		
· Section 313 (Specific toxic chemical listings):		
67-56-1 Methanol		
· TSCA (Toxic Substances Control Act):		
67-56-1 Methanol	ACTIVE	
· Hazardous Air Pollutants		
67-56-1 Methanol		
· Proposition 65		
· Chemicals known to cause cancer:		
None of the ingredients is listed.           • Chemicals known to cause reproductive toxicity for females:		
· Chemicals known to cause reproductive toxicity for males:		
None of the ingredients is listed.		
· Chemicals known to cause developmental toxicity:		
67-56-1 Methanol		
· Carcinogenic categories		
· EPA (Environmental Protection Agency)		
None of the ingredients is listed.		
· TLV (Threshold Limit Value)		
None of the ingredients is listed.		
<ul> <li>NIOSH-Ca (National Institute for Occupational Safety and Health)</li> </ul>		
None of the ingredients is listed.		

• Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### **16 Other information**

All chemicals may pose unknown hazards and should be used with caution. This SDS applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. Cayman Chemical Company assumes no responsibility for incidental or consequential damages, including lost profits, arising from the use of these data. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable. Cayman Chemical Company assumes no responsibility for the completeness or accuracy of the information contained herein.

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(Con	td. from page 10)
<ul> <li>Department issuing SDS: Environment protection department.</li> </ul>	
Contact: -	
· Date of preparation / last revision 09/05/2024 / -	
Abbreviations and acronyms:	
IMDG: International Maritime Code for Dangerous Goods	
DOT: US Department of Transportation	
IATA: International Air Transport Association	
EINECS: European Inventory of Existing Commercial Chemical Substances	
ELINCS: European List of Notified Chemical Substances	
CAS: Chemical Abstracts Service (division of the American Chemical Society)	
NFPA: National Fire Protection Association (USA)	
HMIS: Hazardous Materials Identification System (USA) VOC: Volatile Organic Compounds (USA, EU)	
LC50: Lethal concentration, 50 percent	
LD50: Lethal dose, 50 percent	
PBT: Persistent, Bioaccumulative and Toxic	
vPvB: very Persistent and very Bioaccumulative	
NIOSH: National Institute for Occupational Safety	
OSHA: Occupational Safety & Health	
TLV: Threshold Limit Value	
PEL: Permissible Exposure Limit	
REL: Recommended Exposure Limit BEI: Biological Exposure Limit	
Flammable Liquids 2: Flammable liquids – Category 2	
Acute Toxicity - Oral 3: Acute toxicity – Category 3	
Specific Target Organ Toxicity - Single Exposure 1: Specific target organ toxicity (single exposure) – Category 1	
* Data compared to the previous version altered.	
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