

# Virginia Tobacco 18 mg/mL

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Reference number: 1738  
Issue date: 01/06/2023. Version: 2.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Virginia Tobacco 18 mg/mL  
UFI : AJMR-44QX-S105-FQQF  
Product code : 1738

#### 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 : Consumer use. It is a liquid used for e-cigarettes.

##### 1.2.2. Uses advised against

No additional information available

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

**Supplier (Great Britain)**  
JUUL Labs UK Ltd  
7th Floor, 50 Broadway  
London SW1H 0DB, United Kingdom  
T +44 808 169 22 55  
[support@juul.co.uk](mailto:support@juul.co.uk) - [www.juul.co.uk](http://www.juul.co.uk)

**Supplier (Northern Ireland)**  
JUUL Labs Netherlands B.V.  
Singel 250,  
1016AB Amsterdam, Netherlands  
T +44 808 169 22 55  
[support@juul.co.uk](mailto:support@juul.co.uk) - [www.juul.co.uk](http://www.juul.co.uk)

**Manufacturer**  
JUUL Labs Inc.  
Suite 800 1000 F Street NW  
20004 Washington DC  
United States  
[www.juul.com](http://www.juul.com)

#### 1.4. Emergency telephone number

Emergency number : NHS number 111  
For non-medical inquiries : +44 808 169 22 55 (Monday to Friday, 9:00 - 17:00)

### SECTION 2: Hazards identification

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

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

Acute toxicity (oral), Category 3 H301  
Acute toxicity (dermal), Category 4 H312  
Acute toxicity (inhalation:dust,mist) Category 4 H332  
Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412  
Full text of H- and EUH-statements: see section 16

##### 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) :



GHS06

Signal word (CLP) : Danger  
Contains : Salts of Nicotine  
Hazard statements (CLP) : H301 - Toxic if swallowed.  
H312+H332 - Harmful in contact with skin or if inhaled.  
H412 - Harmful to aquatic life with long lasting effects.  
Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.

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P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER.

P302+P352 - If on skin: Wash with plenty of water.

P312 - Call a doctor if you feel unwell.

P501 - Dispose of contents and container to an approved waste disposal plant.

### 2.3. Other hazards

The mixture does not contain PBT/vPvB substances in amounts  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Glycerine A substance with a Community workplace exposure limit	CAS-No.: 56-81-5 EC-No.: 200-289-5	55 – 65	Not classified
Propylene glycol A substance with a Community workplace exposure limit	CAS-No.: 57-55-6 EC-No.: 200-338-0 UK REACH: UK-01-2119471987-18	30 – 40	Not classified
Salts of Nicotine	EC-No.: 828-490-9	1 – 3	Acute Tox. 2 (Oral), H300 Acute Tox. 1 (Dermal) Acute Tox. 2 (Inhalation), H330 Aquatic Chronic 2, H411
Nicotine (ISO); 3-[(2S)-1-methylpyrrolidin-2-yl]pyridine A substance with a Community workplace exposure limit	CAS-No.: 54-11-5 EC-No.: 200-193-3 EC Index-No.: 614-001-00-4	0.01 – 0.05	Acute Tox. 2 (Oral), H300 (ATE=5 mg/kg bodyweight) Acute Tox. 2 (Dermal), H310 (ATE=70 mg/kg bodyweight) Acute Tox. 2 (Inhalation), H330 (ATE=0.19 mg/l/4h) Aquatic Chronic 2, H411

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest. Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Immediately call a POISON CENTER/doctor. Specific measures (see supplemental first aid instruction on this label). Wash with plenty of water/... Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

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First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Immediately call a POISON CENTER/doctor.

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

Symptoms/effects after inhalation : Harmful if inhaled. Danger of serious damage to health by prolonged exposure through inhalation.

Symptoms/effects after skin contact : Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin.

Symptoms/effects after ingestion : Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

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

Fire hazard : On combustion, forms: carbon oxides (CO and CO<sub>2</sub>).

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Use only outdoors or in a well-ventilated area. Avoid breathing mist, spray.
- Hygiene measures : Wash hands thoroughly after handling.

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

- Storage conditions : Store at room temperature. Keep only in the original container in a cool, well ventilated place away from : Heat sources. Keep container closed when not in use.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.

#### 7.3. Specific end use(s)

Refer to section 1.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

#### Glycerine (56-81-5)

##### Great Britain and Northern Ireland - Occupational Exposure Limits

Local name	Glycerol
WEL TWA (OEL TWA)	10 mg/m <sup>3</sup> mist
WEL STEL (OEL STEL)	30 mg/m <sup>3</sup> (calculated-mist)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

#### Propylene glycol (57-55-6)

##### Great Britain and Northern Ireland - Occupational Exposure Limits

Local name	Propane-1,2-diol
WEL TWA (OEL TWA)	10 mg/m <sup>3</sup> particulates 474 mg/m <sup>3</sup> total vapour and particulates
WEL TWA (OEL TWA)	150 ppm total vapour and particulates
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

#### Nicotine (ISO); 3-[(2S)-1-methylpyrrolidin-2-yl]pyridine (54-11-5)

##### Great Britain and Northern Ireland - Occupational Exposure Limits

Local name	Nicotine
WEL TWA (OEL TWA)	0.5 mg/m <sup>3</sup>
WEL STEL (OEL STEL)	1.5 mg/m <sup>3</sup>
WEL STEL (OEL STEL) [ppm]	1.5 ppm
Remark	Skin (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
WEL chemical category	Potential for cutaneous absorption
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

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### 8.1.2. Recommended monitoring procedures

Monitoring methods	
Monitoring methods	Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. For some substances biological monitoring may also be appropriate. Validated exposure measurement methods should be applied by a competent person and samples analysed by an accredited laboratory. Examples of sources of recommended exposure measurement methods are given below or contact the supplier. Further national methods may be available. National Institute of Occupational Safety and Health (NIOSH), USA: Manual of Analytical Methods <a href="http://www.cdc.gov/niosh/">http://www.cdc.gov/niosh/</a> Occupational Safety and Health Administration (OSHA), USA: Sampling and Analytical Methods <a href="http://www.osha.gov/">http://www.osha.gov/</a> Health and Safety Executive (HSE), UK: Methods for the Determination of Hazardous Substances <a href="http://www.hse.gov.uk/">http://www.hse.gov.uk/</a> .
Biological monitoring methods	A specific exposure sampling method is not available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

No additional information available

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

In case of repeated or prolonged contact (industrial environment), wear personal protective equipments. Avoid all unnecessary exposure.

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Avoid contact with eyes. Safety glasses equipped with side shields are recommended as minimum protection in industrial settings. Wear approved safety goggles. Chemical goggles should be consistent with EN166 or equivalent

#### 8.2.2.2. Skin protection

##### Skin and body protection:

If repeated skin contact or contamination of clothing is likely (industrial environment), protective clothing should be worn. Chemical resistant protective apron / clothing (tested to EN 14605 or equivalent).

##### Hand protection:

Avoid contact with skin. It is a good industrial hygiene practice to minimize skin contact. Neopren gloves are recommended with breakthrough time of approx. 25 minutes according to EN 374 (0.1 mm thickness); changing gloves after 20 minutes is recommended.

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

This product should not be industrially handled under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

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### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment. Notify authorities if product enters sewers or public waters. Relevant water authorities should be notified of any large spillage to water course or drain. The final disposal of this material should be supervised by a specialist, following applicable environmental legislation.

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Pale yellow. Yellow.
Appearance	: Viscous. Liquid.
Odour	: Minty, sweet.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Non flammable.
Explosive properties	: Not explosive as none of the components is classified as explosive or oxidizing.
Oxidising properties	: None of the components are classified for oxidizing properties.
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: $\geq 93.3$ °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 5.21-6.21
pH solution concentration	: 10 %
Viscosity, kinematic	: Not available
Solubility	: soluble in Propylene glycol, Glycerinee.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: 1.1745 g/cm <sup>3</sup> @ 20° C
Relative vapour density at 20 °C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable in use and storage conditions as recommended in item 7.

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### 10.3. Possibility of hazardous reactions

Not expected to present a significant hazard under anticipated conditions of normal use.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Carbon oxides.

## SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Toxic if swallowed.
Acute toxicity (dermal)	: Harmful in contact with skin.
Acute toxicity (inhalation)	: Harmful if inhaled.
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory/skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspirational hazard	: Not classified
Endocrine disrupting properties	: No information available

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ATE CLP (oral)	195.72 mg/kg bodyweight
ATE CLP (dermal)	1935.70 mg/kg bodyweight
ATE CLP (inhalation/dust,mist)	1.95 mg/l/4h
pH	5.21 – 6.21

#### PROPYLENE GLYCOL (57-55-6)

LD50 oral rat	20 g/kg
LD50 dermal rabbit	20800 mg/kg
LC50 Inhalation - Rat	> 44.9 mg/l air Animal: rat, Guideline: other:, Remarks on results: other:
NOAEL (oral)– rats	1700 – 2100 mg/kg bw/day. Source: ECHA
NOAEL (oral) – cats	443 mg/kg bw/day. Source: ECHA
NOAEC (inhalation) – rats	1 – 2.2 mg/l air. Source: ECHA
LOEC (inhalation) – rats	160 mg/m <sup>3</sup> air. Source: ECHA
Viscosity (dynamic, mPa s)	7.044 – 43.428. Source: ECHA
Relative density, g/cm <sup>3</sup>	1.03 (20°C) Source: ECHA

#### Glycerine (56-81-5)

LD50 oral rat	12600 mg/kg
LD50 oral	25000 mg/kg bodyweight
LD50 dermal rabbit	> 10 g/kg

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<b>Glycerine (56-81-5)</b>	
LD50 dermal	> 18700 mg/kg bodyweight
LC50 Inhalation - Rat	> 2.75 mg/l/4h
LC50 Inhalation - Rat (Dust/Mist)	50100 mg/l
LC50 Inhalation - Rat (Vapours)	> 2.75 mg/l Source: ECHA
NOAEL (oral) – rats	1600 – 10000 mg/kg bw/day. Source: ECHA
NOEL (oral) – rats	50000 ppm. Source: ECHA
LOEL (oral) – rats	200000 ppm. Source: ECHA
NOAEC (inhal) – rats	662 mg/m <sup>3</sup> air. Source: ECHA
NOEC (inhal) – rats	167 mg/m <sup>3</sup> air. Source: ECHA
Viscosity (dynamic, mPa s)	14.8 - 1.412. Source: ECHA
Relative density, g/cm <sup>3</sup>	1.261 (20°C) Source: ECHA
<b>Nicotine (ISO); 3-[(2S)-1-methylpyrrolidin-2-yl]pyridine (54-11-5)</b>	
LD50 oral rat	50 mg/kg. Source: ECHA
LD50 oral	≈ 77.83 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure). Source: ECHA
LD50 dermal rabbit	70.4 mg/kg bodyweight Animal: rabbit, Animal sex: female, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)), 95% CL: 28,3 - 131,2. Source: ECHA
LD50 dermal	50 mg/kg. Source: ECHA
LC50 Inhalation - Rat	2.3 mg/l (Exposure time: 20 min). Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	0.19 mg/l Source: ECHA
LOAEC (inhalation, rat, vapour, 90 days)	≤ 0.01 mg/l air Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study). Source: ECHA
NOAEC (inhalation, rat, vapour, 90 days)	< 0.01 mg/l air Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study). Source: ECHA

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : No additional information available

#### 11.2.2. Other information

Potential Adverse human health effects and symptoms : Harmful in contact with skin,Harmful if inhaled,Toxic if swallowed.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)  
Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

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<b>Propylene glycol (57-55-6)</b>	
LC50 - Fish	51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]). Source: ECHA
LC50 - Fish	41 – 47 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) Source: ECHA
EC50 - Crustacea	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [static]). Source: ECHA
EC50 72h - Algae	19300 mg/l Test organisms (species): Skeletonema costatum. Source: ECHA
EC50 72h - Algae	24200 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum). Source: ECHA
EC50 96h - Algae	19000 mg/l (Species: Pseudokirchneriella subcapitata). Source: ECHA
EC50 96h - Algae	19000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum). Source: ECHA
<b>Glycerine (56-81-5)</b>	
LC50 - Fish	> 5000 mg/l. Source: ECHA
EC50 - Other aquatic organisms	> 10000 mg/l waterflea. Source: ECHA
EC50 - Other aquatic organisms	> 10000 mg/l. Source: ECHA
<b>Nicotine (ISO); 3-[(2S)-1-methylpyrrolidin-2-yl]pyridine (54-11-5)</b>	
LC50 - Fish	4 mg/l Source: Toxic Substances Information Summary. Source: ECHA
EC50 - Crustacea	≈ 0.242 mg/l Test organisms (species): Daphnia magna. Source: ECHA
EC50 72h - Algae	37 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus). Source: ECHA
EC50 72h - Algae	11 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus). Source: ECHA
NOEC chronic algae	3.2 mg/l. Source: ECHA
<b>12.2. Persistence and degradability</b>	
<b>Virginia Tobacco 18 mg/mL</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>12.3. Bioaccumulative potential</b>	
<b>Propylene glycol (57-55-6)</b>	
BCF - Fish	(1 dimensionless)
Partition coefficient n-octanol/water (Log Pow)	0.085 Source: ECHA
<b>Glycerine (56-81-5)</b>	
BCF - Fish	(no bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	-1.76
<b>Nicotine (ISO); 3-[(2S)-1-methylpyrrolidin-2-yl]pyridine (54-11-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	1.17 Source: ECHA
<b>12.4. Mobility in soil</b>	
<b>Nicotine (ISO); 3-[(2S)-1-methylpyrrolidin-2-yl]pyridine (54-11-5)</b>	
Mobility in soil	100 Source: ECHA

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### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : No information available

### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

## SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

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### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)	
Reference code	Applicable on
3(b)	Virginia Tobacco 18 mg/mL; nicotine (ISO); 3-[(2S)-1-methylpyrrolidin-2-yl]pyridine; salts of nicotine.
3(c)	Virginia Tobacco 18 mg/mL; nicotine (ISO); 3-[(2S)-1-methylpyrrolidin-2-yl]pyridine; salts of nicotine.

##### REACH Annex XIV (Authorisation List)

Contains no REACH Annex XIV substances

##### REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list

##### PIC Regulation (Prior Informed Consent)

Substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals: Nicotine (54-11-5)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

##### Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

##### Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

#### 15.1.2. National regulations

This material is considered hazardous according to the criteria of the US OSHA Hazard Communication Standard (29 CFR 1910.1200).

### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

## SECTION 16: Other information

Sources of Key data : ECHA (European Chemicals Agency). CLP Inventory. Supplier information. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (et sequens).

Other information : Version 2.0 is issued because of a change of the supplier's legal address.

### Full text of H- and EUH-statements:

Acute Tox. 1 (Dermal)	Acute toxicity (dermal), Category 1
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Full text of H- and EUH-statements:	
Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 2 (Oral)	Acute toxicity (oral), Category 2
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
H300	Fatal if swallowed.
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H312	Harmful in contact with skin.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Acute Tox. 3 (Oral)	H301	Calculation method
Acute Tox. 4 (Dermal)	H312	Calculation method
Acute Tox. 4 (Inhalation:dust,mist)	H332	Calculation method
Aquatic Chronic 3	H412	Calculation method

Safety Data Sheet (SDS), EU

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.