

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

#### 1.1. Product identifier

Product form : Substance  
Substance name : INKOV  
Product code : 712  
Type of product : Solvents

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

##### Relevant identified uses

Main use category : Industrial use, Professional use  
Industrial/Professional use spec : Industrial  
For professional use only  
Use of the substance/mixture : Cleaning/washing agents and additives

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

##### Manufacturer

Christeyns Professional Hygiene UK Ltd  
Clover House  
Macclesfield Road  
SK23 7DQ Whaley Bridge, Derbyshire  
United Kingdom  
T 01663 733114, F 01663 733115  
[info.cph.uk@christeyns.com](mailto:info.cph.uk@christeyns.com), [www.christeyns-ph.co.uk](http://www.christeyns-ph.co.uk)

##### Supplier

Christeyns NV  
Afrikalaan 182  
9000 GENT  
Belgium  
T +32 (0)9/ 223 38 71, F +32 (0)9/ 233 03 44  
[info@christeyns.be](mailto:info@christeyns.be), [www.christeyns.com](http://www.christeyns.com)

#### 1.4. Emergency telephone number

Country/Area	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

### SECTION 2: Hazards identification

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

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

Serious eye damage/eye irritation, Category 2 H319

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) :



GHS07

Signal word (CLP) : Warning

Hazard statements (CLP) : H319 - Causes serious eye irritation.

Precautionary statements (CLP) : P102 - Keep out of reach of children.  
P280 - Wear eye protection.  
P264 - Wash hands thoroughly after handling.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

#### 2.3. Other hazards

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

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

# INKOV

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Name : INKOV

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
METHOXYMETHYLBUTANOL	CAS-no: 56539-66-3 EC-No.: 260-252-4 REACH-no: 01-2119976333-33	100	Eye Irrit. 2, H319

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

General advice : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation : Allow affected person to breathe fresh air. Allow the victim to rest.

Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Acute effects inhalation : May cause shortness of breath, tightness of the chest, a sore throat and cough.

Acute effects eyes : Causes serious eye irritation. Redness.

Acute effects oral route : May cause irritation to the digestive tract.

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

#### 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.

Protection during firefighting : 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

##### For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

##### For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

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.

Hygiene measures

: Wash hands, forearms and face thoroughly after handling.

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

Storage conditions

: Store in a cool, well-ventilated place. Keep container tightly closed.

Incompatible materials

: Sources of ignition. Direct sunlight.

Packaging materials

: Keep in original containers.

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

##### Personal protection equipment

##### Personal protective equipment:

Avoid all unnecessary exposure.

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



##### Eye and face protection

##### Eye protection:

Chemical goggles or safety glasses

##### Environmental exposure controls

##### 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

: Colourless.

Physical state/form

: Liquid.

Odour

: Characteristic.

Odour threshold

: Not available

Melting point/range

: < -50 °C

Freezing point

: Not determined as it is not relevant for the characterization of the product

Boiling point/Boiling range

: 173 °C

Flammability

: Not determined as it is not relevant for the characterization of the product  
Non flammable.

Lower explosion limit

: Constituents do not contain chemical groups associated with explosivity

Upper explosion limit

: Constituents do not contain chemical groups associated with explosivity

Flash point

: 71 °C

Autoignition temperature

: 395 °C

Decomposition temperature

: Only applies to self-reactive substances and mixtures, organic peroxides, and other substances and mixtures that may decompose.

pH

: Not available

Viscosity, kinematic

: Not available

Viscosity, dynamic

: 12.5 mPa·s at 20 °C

Solubility

: Miscible with water.

Partition coefficient n-octanol/water (Log Kow)

: Not available

Log Pow

: 0.18

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Vapour pressure	: 0.47 hPa at 20 °C
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 0.91 g/cm <sup>3</sup>
Relative vapour density at 20°C	: 4.1
Particle characteristics	: Not applicable

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

INKOV	
LD50 oral rat	4400 mg/kg
LD50 dermal rat	> 2000

METHOXYMETHYLBUTANOL (56539-66-3)	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: other., Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met

METHOXYMETHYLBUTANOL (56539-66-3)	
NOAEL (animal/male, F0/P)	40 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)
NOAEL (animal/female, F0/P)	200 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)

STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met

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### METHOXYMETHYLBUTANOL (56539-66-3)

LOAEC (inhalation, rat, vapour, 90 days)	0.53 mg/l air Animal: rat, Animal sex: male, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)
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Aspiration hazard : Not classified

Additional information : Based on available data, the classification criteria are not met

#### 11.2. Information on other hazards

##### Other information

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met

### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

### INKOV

LC50 - Fish [1] > 100 mg/l

EC50 - Crustacea [1] > 1000 mg/l

EC50 72h - Algae [1] 1000 mg/l

ErC50 algae > 1000 mg/l

NOEC chronic crustacea 100 mg/l

NOEC chronic algae 1000 mg/l

### METHOXYMETHYLBUTANOL (56539-66-3)

LC50 - Fish [1] > 100 mg/l Test organisms (species): *Oryzias latipes*

EC50 - Crustacea [1] > 1000 mg/l Test organisms (species): *Daphnia magna*

EC50 72h - Algae [1] > 1000 mg/l Test organisms (species): *Raphidocelis subcapitata* (previous names: *Pseudokirchneriella subcapitata*, *Selenastrum capricornutum*)

LOEC (chronic) > 100 mg/l Test organisms (species): *Daphnia magna* Duration: '21 d'

NOEC (chronic) 100 mg/l Test organisms (species): *Daphnia magna* Duration: '21 d'

#### 12.2. Persistence and degradability

### INKOV

Persistence and degradability Biodegradable.

### METHOXYMETHYLBUTANOL (56539-66-3)

Persistence and degradability Rapidly degradable

#### 12.3. Bioaccumulative potential

### INKOV

Log Pow 0.18

Bioaccumulative potential No bioaccumulation.

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

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

#### 12.6. Endocrine disrupting properties

No additional information available

#### 12.7. Other adverse effects

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Other information Avoid release to the environment.

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## Safety Data Sheet

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations

: Dispose in a safe manner in accordance with local/national regulations.

Waste / unused products

: Avoid release to the environment.

HP Code

: HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
<b>14.1. UN number or ID number</b>		
Not regulated for transport		
<b>14.2. UN proper shipping name</b>		
Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>		
Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>		
Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>		
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

#### 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

##### EU-Regulations

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

Not listed on REACH Annex XVII

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

Not listed on REACH Annex XIV (Authorisation List)

###### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

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

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

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

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

###### Ozone Regulation (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

###### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

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## Safety Data Sheet

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### VOC Directive (2004/42)

Organic solvent : Yes

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

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Data sources : 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.

Other information : None.

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

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H319	Causes serious eye irritation.

The classification complies with : ATP 12

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.