

# SAFETY DATA SHEET according to Regulation 1907/2006

Product name: **90.665 Unimix Texture Additive coarse**  
Creation date: **14.11.2006** · Revision: **16.1.2019** · Version: **1**



## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name

**90.665 Unimix Texture Additive coarse**



chemius.net/LW05a

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

Relevant identified uses

Thinner

Uses advised against

No information.

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

Manufacturer

SILCO, D.O.O.

Address: Šentrupert 5 a, 3303 Gomilsko, Slovenia

Phone: +386 3 703 3180

Fax: +386 3 703 3188

E-mail: n.cvilak@silco-automotive.com

Point of contact for safety info: Nejc Cvilak

### 1.4. Emergency telephone number

Emergency

112

Supplier

+386 3 703 3180

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Flam. Liq. 3; H226 Flammable liquid and vapour.

Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.

Skin Irrit. 2; H315 Causes skin irritation.

Eye Irrit. 2; H319 Causes serious eye irritation.

Acute Tox. 4; H332 Harmful if inhaled.

STOT SE 3; H336 May cause drowsiness or dizziness.

STOT RE 2; H373 May cause damage to organs through prolonged or repeated exposure.

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## 2.2 Label elements

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



Signal word: **Danger**

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

EUH066 Repeated exposure may cause skin dryness or cracking.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P264 Wash hands with soap and water thoroughly after handling.

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

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

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P370 + P378 In case of fire: Use powder or CO<sub>2</sub> for extinction.

### 2.2.2. Contains:

n-butyl acetate (CAS: 123-86-4, EC: 204-658-1, Index: 607-025-00-1)

ethyl acetate (CAS: 141-78-6, EC: 205-500-4, Index: 607-022-00-5)

Xylene (CAS: 1330-20-7, EC: 215-535-7, Index: 601-022-00-9)

methyl amyl ketone (CAS: 110-43-0, EC: 203-767-1, Index: 606-024-00-3)

### 2.2.3. Special provisions

Special hazards are not known or expected.

## 2.3. Other hazards

No information.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

For mixtures see 3.2.

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## 3.2. Mixtures

Name	CAS EC Index	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Conc. Limits	REACH Registration No.
n-butyl acetate	123-86-4 204-658-1 607-025-00-1	20-60	Flam. Liq. 3; H226 STOT SE 3; H336 EUH066		01-2119485493-29
2-methoxy-1-methylethyl acetate	108-65-6 203-603-9 607-195-00-7	15-45	Flam. Liq. 3; H226		01-2119475791-29
ethyl acetate	141-78-6 205-500-4 607-022-00-5	0-40	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066		-
2-butoxyethyl acetate	112-07-2 203-933-3 607-038-00-2	5-20	Acute Tox. 4; H312 Acute Tox. 4; H332		01-2119475112-47
Xylene [C]	1330-20-7 215-535-7 601-022-00-9	5-12,5	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Acute Tox. 4; H332 STOT SE 3; H335 STOT RE 2; H373		01-2119488216-32
methyl amyl ketone	110-43-0 203-767-1 606-024-00-3	0-10	Flam. Liq. 3; H226 Acute Tox. 4; H302 Acute Tox. 4; H332		-

Notes for substances:

**C** Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers.  
In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

## SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General notes

When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician. Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency.

#### Following inhalation

Remove patient to fresh air - move out of dangerous area. Victim should rest in a warm place. If breathing is irregular or respiratory arrest occurs provide artificial respiration. In case of unconsciousness bring patient into stable side position and seek medical attention. If symptoms develop and persist, seek medical attention.

#### Following skin contact

Immediately remove contaminated clothing. Wash affected skin areas thoroughly with plenty of water and soap. If irritation of skin persists seek medical attention.

#### Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. Consult a physician immediately!

#### Following ingestion

Do not induce vomiting! Never give anything by mouth to an unconscious person. Keep person warm and at rest. Consult a physician.

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

### Inhalation

Prolonged and repeated exposure to solvents vapour above the established limits may cause irritation of mucuous tissue or respiratory system.

Negative effects can affect liver, kidney, and central nervous system.

Symptoms include: headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, unconsciousness.

### Skin contact

Prolonged and repeated exposure may cause redness, itching and cracking of the skin in sensitive people.

May cause defatting of the skin.

Product may be absorbed through the skin.

### Eye contact

Contact with eyes can cause irritation (redness, tearing, pain).

### Ingestion

Aspiration into the lungs causes coughing, shortness of breath and may lead to chemical pneumonia.

May cause abdominal discomfort.

May cause nausea/vomiting and diarrhea.

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

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## SECTION 5. FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>).

Fire extinguishing powder.

Foam.

#### Unsuitable extinguishing media

Full water jet.

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

#### Hazardous combustion products

In the event of fire the following can be generated: carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

### 5.3. Advice for firefighters

#### Protective actions

In case of fire or heating do not breathe fumes/vapours. Cool containers at risk with water spray. If possible remove containers from endangered area.

#### Special protective equipment for firefighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137).

#### Additional information

Contaminated firefighting water and fire residues must be disposed of in accordance with the local regulations.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

### 6.1.1. For non-emergency personnel

#### **Protective equipment**

Use personal protective equipment (Section 8). Avoid contact with the eyes and skin. Do not breathe vapours/smoke!

#### **Emergency procedures**

Ensure adequate ventilation. Do not use open fire and keep away all sources of ignition.

### 6.1.2. For emergency responders

-

## 6.2. Environmental precautions

Do not allow to enter water/drains/sewerage. Avoid dispersing product in the water and ground. If accidental large entry into water or ground occurs, inform responsible authorities.

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

### 6.3.1. For containment

-

### 6.3.2. For cleaning up

Stop leak if without risk. Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Do not absorb spillage with sawdust or other combustible material.

### 6.3.3. Other information

-

## 6.4. Reference to other sections

See also Sections 8 and 13.

# SECTION 7. HANDLING AND STORAGE

## 7.1. Precautions for safe handling

### 7.1.1. Protective measures

#### **Measures to prevent fire**

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Take precautionary measures against static discharges. Use only explosion-proof devices.

#### **Measures to prevent aerosol and dust generation**

-

#### **Measures to protect the environment**

-

### 7.1.2. Advice on general occupational hygiene

Do not eat, drink or smoke while working. Use good personal hygiene practices – wash hands at breaks and when done working with material. Use personal protective equipment.

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

### 7.2.1. Technical measures and storage conditions

Keep in cool and well ventilated area. Keep away from food, drink and animal feeding stuffs. Protect from open fire, heat and direct sunlight.

### 7.2.2. Packaging materials

-

### 7.2.3. Requirements for storage rooms and vessels

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## 7.2.4. Storage class

-

## 7.2.5. Further information on storage conditions

-

## 7.3. Specific end use(s)

### Recommendations

-

### Industrial sector specific solutions

-

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

Name (CAS)	Limit values		Short-term exposure limit		Remarks	Biological Tolerance Values
	ml/m <sup>3</sup> (ppm)	mg/m <sup>3</sup>	ml/m <sup>3</sup> (ppm)	mg/m <sup>3</sup>		
2-Butoxyethyl acetate (112-07-2)	20	133	50	332	Sk	
Butyl acetate (123-86-4)	150	724	200	966		
Ethyl acetate (141-78-6)	200	734	400	1468		
Heptan-2-one (110-43-0)	50	237	100	475	Sk	
1-Methoxypropyl acetate (108-65-6)	50	274	100	548	Sk	
Xylene, o-,m-,p- or mixed isomers (1330-20-7)	50	220	100	441	Sk, BMGV	650 mmol methyl hippuric acid/mol creatinine in urine - Post shift

#### 8.1.2. Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 482:2012+A1:2015 Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values.

#### 8.1.3. DNEL/DMEL values

No information.

#### 8.1.4. PNEC values

No information.

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering control

##### Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Avoid contact with eyes and skin. Do not breathe vapours/aerosols.

##### Organisational measures to prevent exposure

Do not eat, drink or smoke while working. Remove all contaminated clothes immediately and wash them before reuse.

##### Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration.

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## 8.2.2. Personal protective equipment

### Eye and face protection

Safety glasses with side protection (EN 166).

### Hand protection

Protective gloves (EN 374). Observe the manufacturer's instructions regarding the use, storage, maintenance and replacement of gloves. In case of damage or at the first signs of wear and tear, change the gloves immediately.

### Appropriate materials

Material	Thickness	Penetration Time	Remark
PVC			
Neoprene			
Nitrile			

### Skin protection

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345).

### Respiratory protection

In case of insufficient ventilation wear mask with filter A (EN 14387).

### Thermal hazards

-

## 8.2.3. Environmental exposure controls

-

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

-	Physical state:	liquid
-	Colour:	colourless
-	Odour:	characteristic

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## Important health, safety and environmental information

-	pH	No information.
-	Melting point/freezing point	-60 °C
-	Initial boiling point/boiling range	No information.
-	Flash point	> 23 °C
-	Evaporation rate	No information.
-	Flammability (solid, gas)	No information.
-	Explosion limits (vol%)	No information.
-	Vapour pressure	No information.
-	Vapour density	> 1
-	Density	<b>Density:</b> 0,9 – 0,91 g/cm <sup>3</sup>
-	Solubility	<b>Water:</b> Partially soluble
-	Partition coefficient	No information.
-	Auto-ignition temperature	400 °C
-	Decomposition temperature	No information.
-	Viscosity	No information.
-	Explosive properties	No information.
-	Oxidising properties	Not oxidising.

### 9.2. Other information

-	Weight organic solvents	100 %
-	Remarks:	

## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

-

### 10.2. Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

### 10.3. Possibility of hazardous reactions

-

### 10.4. Conditions to avoid

No special precautions required. Consider the directions for use and storage. Vapours and air can form explosive mixtures.  
Protect from heat, direct sunlight, open fire, sparks.

### 10.5. Incompatible materials

Strong oxidising agents.  
Strong acids.  
Strong bases.

### 10.6. Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.



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## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### (a) Acute toxicity

Name	Exposure route	Type	Species	Time	Value	Method	Remark
n-butyl acetate (123-86-4)	inhalation	LC <sub>50</sub>	rat	4 h	21,1 mg/l		vapour
n-butyl acetate (123-86-4)	oral	LD <sub>50</sub>	rat		6400 mg/kg		
n-butyl acetate (123-86-4)	dermal	LD <sub>50</sub>	rabbit		5000 mg/kg		
2-methoxy-1-methylethyl acetate (108-65-6)	dermal	LD <sub>50</sub>	rat		5000 mg/kg		
2-methoxy-1-methylethyl acetate (108-65-6)	oral	LD <sub>50</sub>	rat		8530 mg/kg		
2-butoxyethyl acetate (112-07-2)	oral	LD <sub>50</sub>	rat		2400 mg/kg		
2-butoxyethyl acetate (112-07-2)	dermal	LD <sub>50</sub>	rabbit		1500 mg/kg		
Xylene (1330-20-7)	oral	LD <sub>50</sub>	rat		3523 mg/kg		
Xylene (1330-20-7)	inhalation	LC <sub>50</sub>	rat	4 h	6350 ppmV		gas
Xylene (1330-20-7)	dermal	LD <sub>50</sub>	rabbit		4350 mg/kg		

#### (b) Skin corrosion/irritation

Name	Species	Time	Result	Method	Remark
n-butyl acetate (123-86-4)			Irritating.		
2-butoxyethyl acetate (112-07-2)			Prolonged and repeated contact can cause dermatitis.		

#### (c) Serious eye damage/irritation

Name	Species	Time	Result	Method	Remark
n-butyl acetate (123-86-4)			Irritating.		
2-methoxy-1-methylethyl acetate (108-65-6)			May cause irritation.		

#### (d) Respiratory or skin sensitisation

No information.

#### (e) (Germ cell) mutagenicity

No information.

#### (f) Carcinogenicity

No information.

#### (g) Reproductive toxicity

No information.

#### Summary of evaluation of the CMR properties

No information.

#### (h) STOT-single exposure

Name	Exposure route	Type	Species	Time	Organ	Value	Result	Method	Remark
n-butyl acetate (123-86-4)	inhalation						Irritating to respiratory system.		

#### (i) STOT-repeated exposure

No information.

#### (j) Aspiration hazard

No information.

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## SECTION 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### 12.1.1. Acute (short-term) toxicity

For components

Substance (CAS Nr.)	Type	Value	Exposure time	Species	Organism	Method	Remark
n-butyl acetate (123-86-4)	EC <sub>50</sub>	44 mg/L	48 h	crustacea			
Xylene (1330-20-7)	LC <sub>50</sub>	2 mg/L	96 h	fish			

#### 12.1.2. Chronic (long-term) toxicity

No information.

### 12.2. Persistence and degradability

#### 12.2.1. Abiotic degradation, physical- and photo-chemical elimination

No information.

#### 12.2.2. Biodegradation

No information.

### 12.3. Bioaccumulative potential

#### 12.3.1. Partition coefficient

No information.

#### 12.3.2. Bioconcentration factor (BCF)

No information.

### 12.4. Mobility in soil

#### 12.4.1. Known or predicted distribution to environmental compartments

No information.

#### 12.4.2. Surface tension

No information.

#### 12.4.3. Adsorption/Desorption

No information.

### 12.5. Results of PBT and vPvB assessment

No evaluation.

### 12.6. Other adverse effects

No information.

### 12.7. Additional information

For product

Do not allow to reach ground water, water courses or sewage system.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

#### 13.1.1. Product / Packaging disposal

Waste chemical

Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.  
Do not allow product to reach drains/sewage systems.

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## Packaging

Deliver completely emptied containers to approved waste disposal authorities.

### 13.1.2. Waste treatment-relevant information

-

### 13.1.3. Sewage disposal-relevant information

-

### 13.1.4. Other disposal recommendations

-

## SECTION 14. TRANSPORT INFORMATION

### 14.1. UN number

UN 1263

### 14.2. UN proper shipping name

PAINT RELATED MATERIAL

### 14.3. Transport hazard class(es)

3

### 14.4. Packing group

III

### 14.5. Environmental hazards

NO.

### 14.6. Special precautions for user

Limited quantities

5 L

Tunnel restriction code

(D/E)

IMDG flashpoint

23 °C, c.c.

IMDG EmS

F-E, S-E



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

Goods may not be carried in bulk in bulk containers, containers or vehicles.

## SECTION 15. REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2015/830)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

#### 15.1.1. Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)

Not applicable.

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## 15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16. OTHER INFORMATION

### Indication of changes

-

### Abbreviations and acronyms

ATE - Acute Toxicity Estimate  
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
CEN - European Committee for Standardisation  
C&L - Classification and Labelling  
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
CAS# - Chemical Abstracts Service number  
CMR - Carcinogen, Mutagen, or Reproductive Toxicant  
CSA - Chemical Safety Assessment  
CSR - Chemical Safety Report  
DMEL - Derived Minimal Effect Level  
DNEL - Derived No Effect Level  
DPD - Dangerous Preparations Directive 1999/45/EC  
DSD - Dangerous Substances Directive 67/548/EEC  
DU - Downstream User  
EC - European Community  
ECHA - European Chemicals Agency  
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)  
EEC - European Economic Community  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
EN - European Standard  
EQS - Environmental Quality Standard  
EU - European Union  
Euphrac - European Phrase Catalogue  
EWC - European Waste Catalogue (replaced by LoW – see below)  
GES - Generic Exposure Scenario  
GHS - Globally Harmonized System  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods  
IMSBC - International Maritime Solid Bulk Cargoes  
IT - Information Technology  
IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre  
Kow - octanol-water partition coefficient  
LC<sub>50</sub> - Lethal Concentration to 50 % of a test population  
LD<sub>50</sub> - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance

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PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment  
(Q)SAR - Qualitative Structure Activity Relationship  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
RIP - REACH Implementation Project  
RMM - Risk Management Measure  
SCBA - Self-Contained Breathing Apparatus  
SDS - Safety data sheet  
SIEF - Substance Information Exchange Forum  
SME - Small and Medium sized Enterprises  
STOT - Specific Target Organ Toxicity  
(STOT) RE - Repeated Exposure  
(STOT) SE - Single Exposure  
SVHC - Substances of Very High Concern  
UN - United Nations  
vPvB - Very Persistent and Very Bioaccumulative

## Key literature references and sources for data

-

## List of relevant H phrases

H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure .  
EUH066 Repeated exposure may cause skin dryness or cracking.



- ☒ Provided correct labelling of the product
- ☒ Compliance with the local legislation
- ☒ Provided correct classification of the product
- ☒ Provided adequate transport data

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