

### Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878 Issue date: 8/13/2014 Revision date: 1/2/2023 Supersedes version of: 6/1/2017 Version: 4.00

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

#### 1.1. Product identifier

Product form : Mixture

Name : Accelerating agent for basecoats

Trade name : PLUS 951

#### 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 : The product is intended for professional use

#### 1.2.2. Uses advised against

No additional information available

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

NOVOL Sp. z o.o. Żabikowska 7/9 62-052 KOMORNIKI

Poland

T 0048618109800 - F 0048618109809

www.novol.com

E-mail address of competent person responsible for the SDS: dokumentacja@novol.com

#### 1.4. Emergency telephone number

Emergency number : 112

#### **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

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

Flammable liquids, Category 3

Serious eye damage/eye irritation, Category 2

Hasspiratory sensitisation, Category 1

Skin sensitisation, Category 1

Specific target organ toxicity – Single exposure, Category 3, Narcosis

Hassa

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)







GHS02

GHS07

GHS08

Signal word (CLP) : Danger

Hazard statements (CLP) : H226 - Flammable liquid and vapour.

H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H336 - May cause drowsiness or dizziness.

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

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P260 - Do not breathe vapours, spray.

P271 - Use only outdoors or in a well-ventilated area.

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

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

P312 - Call doctor if you feel unwell.

EUH-statements : EUH066 - Repeated exposure may cause skin dryness or cracking.

EUH204 - Contains isocyanates. May produce an allergic reaction.

Extra phrases : As from 24 August 2023 adequate training is required before industrial or professional use.

#### 2.3. Other hazards

Other hazards which do not result in classification

: Can react violently with alkalis, as well as a lot of organic products such as alcohols and amines. Reacts with water, generates gases or heat and overpressure: rupture containers. Polymerizes on exposure to temperature rise: pressure build-up may cause closed container to burst.

Contains no PBT/vPvB substances ≥ 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]
Benzene, 1,3-diisocyanatomethyl-, homopolymer, lauryl alcblocked	CAS-No.: 528598-79-0	< 55	Eye Irrit. 2, H319 Skin Sens. 1, H317
n-butyl acetate substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 123-86-4 EC-No.: 204-658-1 EC Index-No.: 607-025-00-1 REACH-no: 01-2119485493-	< 50	Flam. Liq. 3, H226 STOT SE 3, H336
m-tolylidene diisocyanate; toluene-diisocyanate (Note C)	CAS-No.: 26471-62-5 EC-No.: 247-722-4 EC Index-No.: 615-006-00-4 REACH-no: 01-2119454791- 34	< 0.5	Acute Tox. 2 (Inhalation), H330 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 Aquatic Chronic 3, H412

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
m-tolylidene diisocyanate; toluene-diisocyanate	CAS-No.: 26471-62-5 EC-No.: 247-722-4 EC Index-No.: 615-006-00-4 REACH-no: 01-2119454791- 34	( 0.1 ≤C ≤ 100) Resp. Sens. 1, H334

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Note 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.

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

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

#### 4.1. Description of first aid measures

: General information. Refer to section 11. First-aid measures general

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable

for breathing.

First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash

> immediately with plenty of water and soap. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. If skin irritation continues, consult a doctor.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. Call a physician immediately. In case of contact with eyes, rinse

immediately with plenty of water and seek medical advice.

First-aid measures after ingestion : If swallowed: rinse mouth. Do NOT induce vomiting. Call a physician immediately.

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

Symptoms/effects after inhalation : Vapours may cause drowsiness and dizziness.

Symptoms/effects after skin contact : Prolonged or repeated contact may cause skin to become dry.

Symptoms/effects after eye contact : May cause eye irritation.

#### 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 : Dry chemical, CO2, alcohol-resistant foam or waterspray.

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

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

Hazardous decomposition products in case of fire : Carbon monoxide. Nitrogen oxides. Other toxic gases.

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

### **SECTION 6: Accidental release measures**

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

#### 6.1.1. For non-emergency personnel

Protective equipment : Remove ignition sources. Ensure that there is a suitable ventilation system. Avoid any direct

or indirect contact with ingredients released. Avoid contact with skin and eyes. Use personal protective equipment as required. See Section 8.

### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. See Section 8.

#### 6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter into surface water or drains. Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.

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

For containment : Cover spill with non combustible material, e.g.: sand, earth, vermiculite. Mechanically

recover the product.

#### 6.4. Reference to other sections

Disposal considerations. See Section 13.

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

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks,

open flames and other ignition sources. No smoking. Use only outdoors or in a well-

ventilated area. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be

allowed out of the workplace. Do not eat, drink or smoke when using this product. Always

wash hands after handling the product.

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

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Protect from

moisture. Protect against frost.

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

No additional information available

### **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

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

n-butyl acetate (123-86-4)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	n-Butyl acetate	
IOEL TWA [ppm]	50 ppm	
IOEL STEL	723 mg/m³	
IOEL STEL [ppm]	150 ppm	
Regulatory reference	COMMISSION DIRECTIVE (EU) 2019/1831	
United Kingdom - Occupational Exposure Limits		
Local name	Butyl acetate	
WEL TWA (OEL TWA) [1]	724 mg/m³	
WEL TWA (OEL TWA) [2]	150 ppm	
WEL STEL (OEL STEL)	966 mg/m³	
WEL STEL (OEL STEL) [ppm]	200 ppm	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

#### 8.1.2. Recommended monitoring procedures

Monitoring methods	
	EN 482. Workplace exposure - General requirements for the performance of procedures for the measurement of chemical agents.

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#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

b. 1.4. DNEL and FNEC		
n-butyl acetate (123-86-4)		
PNEC (Water)		
PNEC aqua (freshwater)	0.18 mg/l	
PNEC aqua (marine water)	0.018 mg/l	
PNEC aqua (intermittent, freshwater)	0.36 mg/l	
PNEC (Sediment)		
PNEC sediment (freshwater)	0.981 mg/kg dwt	
PNEC sediment (marine water)	0.0981 mg/kg dwt	
PNEC (Soil)		
PNEC soil	0.0903 mg/kg dwt	
PNEC (STP)		
PNEC sewage treatment plant	35.6 mg/l	
m-tolylidene diisocyanate; toluene-diisocyanate (26471-62-5)		
DNEL/DMEL (Workers)		
Acute - systemic effects, inhalation	0.14 mg/m³	
Acute - local effects, inhalation	0.14 mg/m³	
Long-term - systemic effects, inhalation	0.035 mg/m³	
Long-term - local effects, inhalation	0.035 mg/m³	
PNEC (Water)		
PNEC aqua (freshwater)	0.0125 mg/l	
PNEC aqua (marine water)	0.00125 mg/l	
PNEC aqua (intermittent, freshwater)	0.125 mg/l	
PNEC (Soil)		
PNEC soil	1 mg/kg dwt	
PNEC (STP)	PNEC (STP)	
PNEC sewage treatment plant	1 mg/l	

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

### Personal protective equipment symbol(s):







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#### 8.2.2.1. Eye and face protection

#### Eye protection:

Safety glasses

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

Protective gloves

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### **Environmental exposure controls:**

Avoid release to the environment.

### **SECTION 9: Physical and chemical properties**

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

Physical state Colour : Colourless. Odour : characteristic. Odour threshold : Not available Melting point : Not applicable Freezing point : Not available : 124 °C Boiling point Flammability : Not applicable Explosive properties : No data available. : Not available **Explosive limits** : Not available Lower explosion limit Upper explosion limit : Not available Flash point : 26 °C Auto-ignition temperature : ≈ 415 °C Decomposition temperature : Not available рΗ : Not available Viscosity, kinematic : ≈ 250 mm<sup>2</sup>/s Viscosity, dynamic : 250 mPa.s Solubility : Slightly soluble. Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : 14 hPa Vapour pressure at 50°C : Not available Density : ≈ 1 g/cm<sup>3</sup> : Not available Relative density 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

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

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions of use.

#### 10.3. Possibility of hazardous reactions

Can react violently with alkalis, as well as a lot of organic products such as alcohols and amines. Reacts with water, generates gases or heat and overpressure: rupture containers. Polymerizes on exposure to temperature rise: pressure build-up may cause closed container to burst.

#### 10.4. Conditions to avoid

Keep away from sources of ignition. Prevent build-up of electrostatic charges (e.g, by grounding). Protect from sunlight. Avoid high temperatures. Protect from moisture. Keep out of frost.

#### 10.5. Incompatible materials

No contact with: strong acids, strong bases and strong oxidants. Do not allow contact with water.

#### 10.6. Hazardous decomposition products

Carbon monoxide. Nitrogen oxides. Other toxic gases.

#### **SECTION 11: Toxicological information**

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

Acute toxicity (oral) : Not classified. (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified. (Based on available data, the classification criteria are not met)

n-butyl acetate (123-86-4)	
LD50 oral rat	12.2 ml/kg Source: ECHA
LC50 Inhalation - Rat (Vapours)	> 4.9 mg/l Source: ECHA
m-tolylidene diisocyanate; toluene-diisocyanate (26471-62-5)	
LD50 oral rat	4130 mg/kg Source: ECHA
LD50 dermal rabbit	> 9400 mg/kg Source: ECHA
LC50 Inhalation - Rat (Vapours)	0.234 mg/l Source: ECHA
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)

n-butyl acetate (123-86-4)	
рН	6.2 Temp.: 20 °C Concentration: 5,3 g/L

Serious eye damage/irritation : Causes serious eye irritation.

,	
n-butyl acetate (123-86-4)	
рН	6.2 Temp.: 20 °C Concentration: 5,3 g/L
Respiratory or skin sensitisation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)  m-tolylidene diisocyanate; toluene-diisocyanate (26471-62-5)		Not classified (Based on available data, the classification criteria are not met)
		ate (26471-62-5)
	IARC group	2B - Possibly carcinogenic to humans

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

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STOT-single exposure :	May cause drowsiness or dizziness.	
n-butyl acetate (123-86-4)		
STOT-single exposure	May cause drowsiness or dizziness.	
m-tolylidene diisocyanate; toluene-diisocyanate (26471-62-5)		
STOT-single exposure	May cause respiratory irritation.	
STOT-repeated exposure :	Not classified (Based on available data, the classification criteria are not met)	
n-butyl acetate (123-86-4)		
LOAEL (oral, rat, 90 days)	500 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.2650 (90-Day Oral Toxicity in Rodents)	
NOAEL (oral, rat, 90 days)	125 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.2650 (90-Day Oral Toxicity in Rodents)	
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)		
PLUS 951		
Viscosity, kinematic	≈ 250 mm²/s	
n-butyl acetate (123-86-4)		

#### 11.2. Information on other hazards

No additional information available

### **SECTION 12: Ecological information**

m-tolylidene diisocyanate; toluene-diisocyanate (26471-62-5)

### 12.1. Toxicity

Viscosity, kinematic

Viscosity, kinematic

Hazardous to the aquatic environment, short–term

Cilli

: Not classified (Based on available data, the classification criteria are not met)

0.83 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'

2221 mm<sup>2</sup>/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm<sup>2</sup>/s)'

Hazardous to the aquatic environment, long-term (chronic)

: Not classified (Based on available data, the classification criteria are not met)

Not rapidly degradable

n-butyl acetate (123-86-4)		
LC50 - Fish [1]	18 mg/l Source: ECHA	
EC50 - Crustacea [1]	44 mg/l Source: ECHA	
EC50 - Other aquatic organisms [1]	32 mg/l Test organisms (species): Artemia salina	
EC50 72h - Algae [1]	674.7 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	
EC50 72h - Algae [2]	246 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)	
LOEC (chronic)	47.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC (chronic)	23.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
m-tolylidene diisocyanate; toluene-diisocyanate (26471-62-5)		
LC50 - Fish [1]	164.5 mg/l Source: HSDB	
EC50 - Crustacea [1]	12.5 mg/l Test organisms (species): Daphnia magna	

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m-tolylidene diisocyanate; toluene-diisocyanate (26471-62-5)		
EC50 - Other aquatic organisms [1]	18.3 mg/l Test organisms (species): Americamysis bahia (previous name: Mysidopsis bahia)	
EC50 96h - Algae [1]	3230 mg/l Test organisms (species): Skeletonema costatum	
EC50 96h - Algae [2]	4300 mg/l Test organisms (species): Chlorella vulgaris	
LOEC (chronic)	2.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC (chronic)	1.1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

n-butyl acetate (123-86-4)		
Partition coefficient n-octanol/water (Log Pow)	1.78 Source: HSDB	
m-tolylidene diisocyanate; toluene-diisocyanate (26471-62-5)		
Partition coefficient n-octanol/water (Log Pow)	3.74 Source: CHemIDplus	

#### 12.4. Mobility in soil

No additional information available

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

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

#### 12.7. Other adverse effects

No additional information available

### **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Regional legislation (waste)

: Disposal must be done according to official regulations.

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations

: Do not discharge into drains.

Product/Packaging disposal recommendations

: This material and its container must be disposed of as hazardous waste. Do not dispose of with domestic waste. After cleaning, recycle or dispose of at an authorised site.

Additional information

: Flammable vapours may accumulate in the container.

European List of Waste (LoW) code

: 08 05 01\* - waste isocyanates

15 01 10\* - packaging containing residues of or contaminated by dangerous substances

### **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
14.1. UN number or ID number		
UN 1866	UN 1866	UN 1866

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ADR	IMDG	IATA
14.2. UN proper shipping name		
RESIN SOLUTION	RESIN SOLUTION	Resin solution
Transport document description		
UN 1866 RESIN SOLUTION, 3, III, (D/E)	UN 1866 RESIN SOLUTION, 3, III (26°C c.c.)	UN 1866 Resin solution, 3, III
14.3. Transport hazard class(es)		
3	3	3
3	3	3
14.4. Packing group		
III	III	III
14.5. Environmental hazards		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available		

#### 14.6. Special precautions for user

#### **Overland transport**

Classification code (ADR) : F1 Limited quantities (ADR) : 5l Special packing provisions (ADR) : PP1 Mixed packing provisions (ADR) : MP19 Transport category (ADR) : 3 Special provisions for carriage - Packages (ADR) : V12 Tunnel restriction code (ADR) : D/E : •3Y EAC code

### Transport by sea

Special provisions (IMDG) : 223, 955
Limited quantities (IMDG) : 5 L
Special packing provisions (IMDG) : PP1
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-E
Stowage category (IMDG) : A

#### Air transport

No data available

### 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)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

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

Contains no substance(s) 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 (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

#### **Explosives Precursors Regulation (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 (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)

#### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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

#### Indication of changes:

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Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose

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Abbreviations and acronyms:		
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disrupting properties	

Data sources : ECHA (European Chemicals Agency).

Training advice : Handle in accordance with good industrial hygiene and safety procedures.

Full text of H- and EUH-statements:		
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Carc. 2	Carcinogenicity, Category 2	
EUH066	Repeated exposure may cause skin dryness or cracking.	
EUH204	Contains isocyanates. May produce an allergic reaction.	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
H226	Flammable liquid and vapour.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H330	Fatal if inhaled.	
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
H351	Suspected of causing cancer.	
H412	Harmful to aquatic life with long lasting effects.	

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Full text of H- and EUH-statements:		
Resp. Sens. 1	Respiratory sensitisation, Category 1	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Flam. Liq. 3	H226	On basis of test data
Eye Irrit. 2	H319	Calculation method
Resp. Sens. 1	H334	Calculation method
Skin Sens. 1	H317	Calculation method
STOT SE 3	H336	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.