

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 4/1/2014 Revision date: 11/10/2022 Supersedes version of: 10/9/2018 Version: 3.0

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

### 1.1. Product identifier

Product form : Mixture

Product name : Gasket and Paint Stripper UFI : F48V-36J6-Q00T-X27Y

Product code : 770

Type of product : Technical product

Vaporizer : Aerosol Article number : 77004

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

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial

For professional use only

Function or use category : Gasket Remover

#### 1.2.2. Uses advised against

No additional information available

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

BARDAHL NL - OCD NEDERLAND BV Maxwellstraat 41 3316 GP Dordrecht Nederland T 0031 78 651 2322 - F 0031 78 617 4848 mjkooijman@bardahl.nl - www.bardahl.nl

### 1.4. Emergency telephone number

Emergency number : +31 (0) 6 54924171

During office hours: 8.30 t/m 17:00 h

Country	Official advisory body	Address	Emergency number	Comment
	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241	
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)	
Israel	Israel Poison Information Center Rambam Health Care Campus	6 Ha'Aliya Street 31096 Haifa	+972 4 854 1900	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD 2090 Msida	+356 2545 6508	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	Only for healthcare professionals

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

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

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

Aerosol, Category 1 H222;H229
Serious eye damage/eye irritation, Category 2 H319
Specific target organ toxicity – Single exposure, Category 3, Narcosis H336

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

Signal word (CLP) : Danger

Contains : 1-methoxy-2-propanol; monopropylene glycol methyl ether, n-butyl acetate, ACETONE

Hazard statements (CLP) : H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness.

Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P501 - Dispose of contents and container to to a hazardous or special waste collection

point.

P211 - Do not spray on an open flame or other ignition source.

P251 - Pressurized container: Do not pierce or burn, even after use.

P261 - Avoid breathing vapours, spray.

 $\ensuremath{\mathsf{P271}}$  - Use only outdoors or in a well-ventilated area.

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

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking

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

Extra phrases : Without adequate ventilation formation of explosive mixtures is possible.

### 2.3. Other hazards

Other hazards which do not result in classification : Without adequate ventilation formation of explosive mixtures is possible.

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

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

### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Comments : anionic surfactants <5%

aliphatic hydrocarbons <5%

Methylchloroisothiazolinone (and) Methylisothiazolinone

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
dimethyl ether (Note U)	CAS-No.: 115-10-6 EC-No.: 204-065-8 EC Index-No.: 603-019-00-8 REACH-no: 01-2119472128- 37	25 – 50	Flam. Gas 1A, H220 Press. Gas (Comp.), H280
ACETONE	CAS-No.: 67-64-1 EC-No.: 200-662-2 REACH-no: 01-2119471330-	25 – 50	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
n-butyl acetate	CAS-No.: 123-86-4 EC-No.: 204-658-1 EC Index-No.: 607-025-00-1 REACH-no: 01-2119485493-	10 – 20	Flam. Liq. 3, H226 STOT SE 3, H336
1-methoxy-2-propanol; monopropylene glycol methyl ether	CAS-No.: 107-98-2 EC-No.: 203-539-1 REACH-no: 01-2119457435- 35	5 – 10	Flam. Liq. 3, H226 STOT SE 3, H336
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	CAS-No.: 112-34-5 EC-No.: 203-961-6 EC Index-No.: 603-096-00-8 REACH-no: 01-2119457857- 21	2.5 – 10	Eye Irrit. 2, H319
cyclohexanone	CAS-No.: 108-94-1 EC-No.: 203-631-1 EC Index-No.: 606-010-00-7	2.5 – 5	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332
mierenzuur	CAS-No.: 64-18-6 EC-No.: 200-579-1	0.1 – 1	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1A, H314

Note U (Table 3): When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case.

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.

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 after inhalation : If you feel unwell, seek medical advice. Allow affected person to breathe fresh air. Allow the

victim to rest.

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.

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

to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Get immediate medical advice and attention.

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

Symptoms/effects : Shortness of breath, headaches, intoxication, dizziness, cough and nausea.

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

If swallowed or in case of vomiting, danger of entering the lungs. Observation of lung oedema and pneumonia.

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Powder. Carbon dioxide. Unsuitable extinguishing media : Do not use a heavy water stream.

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

Explosion hazard : May form flammable/explosive vapour-air mixture.

#### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Prevent fire fighting water from

entering the environment.

Protection during firefighting : Wear a self contained breathing apparatus.

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

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

: Eliminate every possible source of ignition. General measures

6.1.1. For non-emergency personnel

Protective equipment : Wear proper protective equipment. **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.

# 6.3. Methods and material for containment and cleaning up

: Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica Methods for cleaning up

gel). Ventilate area.

### 6.4. Reference to other sections

(See section 7: Handling and Storage). For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13: "Disposal considerations".

# **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Additional hazards when processed Good ventilation of the workplace required. Avoid contact with skin and eyes.

Precautions for safe handling Keep away from sources of ignition - No smoking. Provide good ventilation in process area

to prevent formation of vapour. Do not expose to temperatures exceeding 50 °C/ 122 °F.

Container under pressure. Do not drill or burn even after use.

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

Storage conditions : Government regulations on storing packagings with pressurized containers must be

observed

Incompatible materials : Direct sunlight. Heat sources.

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

No additional information available

11/10/2022 (Revision date) EN (English) 4/14

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

# SECTION 8: Exposure controls/personal protection

# 8.1. Control parameters

# 8.1.1 National occupational exposure and biological limit values

o. 1.1 National occupational exposure and biological limit values				
dimethyl ether (115-10-6)				
EU - Indicative Occupational Exposure Limit (IOEL)	:U - Indicative Occupational Exposure Limit (IOEL)			
Local name	Dimethylether			
IOEL TWA	1920 mg/m³			
IOEL TWA [ppm]	1000 ppm			
Netherlands - Occupational Exposure Limits				
Local name	Dimethylether			
TGG-8u (OEL TWA)	950 mg/m³			
TGG-15min (OEL STEL)	1500 mg/m³			
1-methoxy-2-propanol; monopropylene glyco	l methyl ether (107-98-2)			
EU - Indicative Occupational Exposure Limit (IOEL)				
Local name	1-Methoxypropanol-2			
IOEL TWA	375 mg/m³			
IOEL TWA [ppm]	100 ppm			
IOEL STEL	568 mg/m³			
IOEL STEL [ppm]	150 ppm			
Remark	Skin			
Netherlands - Occupational Exposure Limits				
Local name	1-Methoxy-2-propanol			
TGG-8u (OEL TWA)	375 mg/m³			
TGG-15min (OEL STEL)	563 mg/m³			
Remark	Н			
2-(2-butoxyethoxy)ethanol; diethylene glycol	monobutyl ether (112-34-5)			
Netherlands - Occupational Exposure Limits				
Local name	2-(2-Butoxyethoxy)ethanol			
TGG-8u (OEL TWA)	50 mg/m³			
TGG-15min (OEL STEL)	100 mg/m³			
Remark	н			
cyclohexanone (108-94-1)				
EU - Indicative Occupational Exposure Limit (IOEL)				
Local name Cyclohexanone				
IOEL TWA	40.8 mg/m³			
IOEL TWA [ppm]	10 ppm			
IOEL STEL 81.6 mg/m³				
IOEL STEL [ppm] 20 ppm				
Remark	Skin			

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

cyclohexanone (108-94-1)		
Netherlands - Occupational Exposure Limits		
Local name Cyclohexanon		
TGG-15min (OEL STEL)	50 mg/m³	
Remark H		
n-butyl acetate (123-86-4)		
Netherlands - Occupational Exposure Limits		
TGG-8u (OEL TWA) [ppm] 480 ppm		
TGG-15min (OEL STEL) [ppm] 480 ppm		

#### 8.1.2. Recommended monitoring procedures

No additional information 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:

Avoid all unnecessary exposure. Gloves. Protective goggles.

# Personal protective equipment symbol(s):





#### 8.2.2.1. Eye and face protection

Eye protection				
Type Field of application Characteristics Standard				
tightly fitting safety goggles			EN 166	

#### 8.2.2.2. Skin protection

Skin and body protection	
Туре	Standard
Protective clothing resistant to solvents.	EN 13034

# Hand protection:

Wear suitable gloves resistant to chemical penetration

Hand protection					
Type Material Permeation Thickness (mm) Penetration Standard					Standard
Safety gloves	Butyl rubber	3 (> 60 minutes)	>0.7		EN ISO 374

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Respiratory protection				
Device	Filter type	Condition	Standard	
Self-contained breathing apparatus (SCBA)	Type AX/P2			

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### Other information:

Remove contaminated clothing immediately. Keep away from food, drink and animal feedingstuffs. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with skin and eyes.

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

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

Physical state : Liquid
Appearance : Aerosol.
Colour : pink.
Odour : Acetone.
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available

Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : No data available
Flash point : No data available
Auto-ignition temperature : > 200 °C

Decomposition temperature : No data available Flammability (solid, gas) : No data available Vapour pressure : No data available Relative vapour density at 20 °C : No data available Relative density : No data available Density : 0.76766 g/cm³

Solubility : Practically not miscible.

Water: 1.7 %

Organic solvent:96.4%

: No data available

Partition coefficient n-octanol/water (Log Pow) : No data available Viscosity, kinematic : No data available Viscosity, dynamic : No data available

Explosive properties : Extremely flammable aerosol. Pressurised container: May burst if heated.

Oxidising properties : No data available Explosive limits : No data available

### 9.2. Other information

VOC content : 749.8 g/l

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

#### 10.1. Reactivity

No additional information available

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 10.2. Chemical stability

No decomposition if used according to specifications.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

# **SECTION 11: Toxicological information**

# 11.1 Information on toxicological effects

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

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	dime	thvl	ether	(115-1	10-6)	

LC50 Inhalation - Rat 308 mg/l/4h

#### 1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2)

LD50 oral rat	5660 mg/kg	
LD50 dermal rabbit	13000 mg/kg	
LC50 Inhalation - Rat	6 mg/l/4h	

#### 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether (112-34-5)

LD50 oral rat	5660 mg/kg
LD50 dermal rabbit	4000 mg/kg
LC50 Inhalation - Rat	> 29 ma/l/4h

# cyclohexanone (108-94-1)

LD50 oral rat	1535 mg/kg	
LD50 dermal rabbit	948 mg/kg	
LC50 Inhalation - Rat	8000 mg/l/4h	

n-butyl acetate (123-86-4)	
LD50 oral rat	13100 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	> 21 mg/l/4h

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified

STOT-single exposure : May cause drowsiness or dizziness.

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2)		
STOT-single exposure	May cause drowsiness or dizziness.	
n-butyl acetate (123-86-4)		
STOT-single exposure	May cause drowsiness or dizziness.	
ACETONE (67-64-1)		
STOT-single exposure	May cause drowsiness or dizziness.	
STOT-repeated exposure :	Not classified	
Aspiration hazard :	Not classified	
Gasket and Paint Stripper		
Vaporizer	Aerosol	

# **SECTION 12: Ecological information**

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term

(acute)

: Not classified

: Not classified

Hazardous to the aquatic environment, long-term

(chronic)

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether (112-34-5)		
LC50 - Other aquatic organisms [1] 1300 mg/l		
EC50 - Crustacea [1]	100 mg/l (EU Method C.2)	
EC50 96h - Algae [1]	≥ 100 mg/l	

#### 12.2. Persistence and degradability

No additional information available

# 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

Gasket and Paint Stripper	
Ecology - soil	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. danger for water: small. Prevent entry to sewers and public waters.

# 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information : Not in groundwater, surfacewater or sewerage

# **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Avo

: Avoid release to the environment. Dispose in a safe manner in accordance with

local/national regulations.

European List of Waste (LoW) code

: 15 01 04 - metallic packaging

16 05  $04^{\star}$  - gases in pressure containers (including halons) containing dangerous substances

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

# **SECTION 14: Transport information**

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 1950	UN 1950	UN 1950	UN 1950	UN 1950
14.2. UN proper shipping	g name			
AEROSOLS	Not applicable	Not applicable	Not applicable	Not applicable
Transport document descri	ption			
UN 1950 AEROSOLS (Aerosols, Flammable), 2.1, (D)	UN 1950 , 2	UN 1950 , 2.1	UN 1950 , 2	UN 1950 , 2.1
14.3. Transport hazard c	lass(es)			
2.1	2	2.1	2	2.1
2	Not applicable	***	Not applicable	
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental haz	ards			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No

# 14.6. Special precautions for user

### Overland transport

Classification code (ADR) : 5F

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 11
Excepted quantities (ADR) : E0
Transport category (ADR) : 2
Tunnel restriction code (ADR) : D

Transport by sea

EmS-No. (Fire) : F-D EmS-No. (Spillage) : S-U

#### Air transport

No data available

### Inland waterway transport

No data available

### Rail transport

No data available

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

Not applicable

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

#### **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 REACH substances with Annex XVII restrictions

#### **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)**

Contains no substance 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.

#### **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.

#### VOC Directive (2004/42)

VOC content : 749.8 g/l

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

Contains 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.

#### **ANNEX II REPORTABLE EXPLOSIVES PRECURSORS**

List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported to the relevant national contact point within 24 hours.

Name		Nomenclature	Combined Nomenclature code for mixture without constituents which would determine classification under another CN code
Acetone	67-64-1	2914 11 00	ex 3824 99 92

Please see https://ec.europa.eu/home-affairs/system/files/2021-11/list\_of\_competent\_authorities\_and\_national\_contact\_points\_en.pdf

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

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

Name	CN designation	CAS-No.	CN code	Category	Threshold	Annex
Acetone		67-64-1	2914 11 00	Category 3		Annex I

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

#### 15.1.2. National regulations

#### **France**

Occupational diseases	Occupational diseases		
Code	Description		
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide		

#### Germany

Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1).

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

**Netherlands** 

ABM category : B(4) - low hazard for aquatic organisms SZW-lijst van kankerverwekkende stoffen : None of the components are listed SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed SZW-lijst van reprotoxische stoffen – SZW-

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

**Denmark** 

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

**Switzerland** 

Storage class (LK) : LK 2 - Liquefied or pressurized gases

# 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# **SECTION 16: Other information**

Indication of changes			
Section	Changed item	Change	Comments
2.2	Extra phrases	Added	
2.2	Precautionary statements (CLP)	Added	
3	Composition/information on ingredients	Modified	
6.1	Protective equipment	Modified	
6.2	Environmental precautions	Modified	
6.4	Reference to other sections (8, 13)	Modified	
7.1	Additional hazards when processed	Modified	
7.1	Precautions for safe handling	Modified	
7.2	Storage conditions	Modified	
8.2	Hand protection	Modified	
8.2	Respiratory protection	Modified	
9.1	Explosive properties	Modified	
9.1	Colour	Modified	
10.6	Hazardous decomposition products	Modified	

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Indication of changes			
Section	Changed item	Change	Comments
12.6	Adverse effects on the environment caused by endocrine disrupting properties	Added	
15.2	Chemical safety assessment	Modified	

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 : Abbreviations and acronyms:

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

ICAO: International Civil Aviation Organization

ADR: European Agreement concerning the International Carriage of Dangerous Goods by

Road

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent.

Full text of H- and EUH	Full text of H- and EUH-statements:		
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3		
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4		
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4		
EUH066	Repeated exposure may cause skin dryness or cracking.		
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2		
Flam. Gas 1A	Flammable gases, Category 1A		
Flam. Liq. 2	Flammable liquids, Category 2		
Flam. Liq. 3	Flammable liquids, Category 3		
H220	Extremely flammable gas.		
H222	Extremely flammable aerosol.		
H225	Highly flammable liquid and vapour.		
H226	Flammable liquid and vapour.		
H229	Pressurised container: May burst if heated.		
H280	Contains gas under pressure; may explode if heated.		
H302	Harmful if swallowed.		
H314	Causes severe skin burns and eye damage.		
H319	Causes serious eye irritation.		
H331	Toxic if inhaled.		
H332	Harmful if inhaled.		
H336	May cause drowsiness or dizziness.		
Press. Gas (Comp.)	Gases under pressure : Compressed gas		

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Full text of H- and EUH-statements:	
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
STOT SE 3 Specific target organ toxicity – Single exposure, Category 3, Narcosis	

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.