

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 03/11/2023 Revision date: 03/11/2023 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture

Product name : 78420 - ATF CVT Plus

Product code : 78420

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

#### 1.2.1. Relevant identified uses

Intended for general public

Main use category : Industrial use, Professional use, Consumer use

Function or use category : Lubricants and additives

#### 1.2.2. Uses advised against

technical@tnb.nl - www.tnb.nl

No additional information available

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

Transnational Blenders bv Wieldrechtseweg, 37 NL- 3316 BG Dordrecht – Netherlands Zuid Holland Netherlands T +31 (0)78 6527652

### 1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER	+44 20 7188 7188	
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA	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]

Not classified

#### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### 2.2. Label elements

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

EUH-statements : EUH208 - Contains Acetamide, 2-hydroxy-, N,N,dicoco alkyl derivs, 2-tetradecyloxirane,

reaction products with boric acid, 1,2-Propanediol, 3-amino, N, N-dicoco alkyl derivs. May

produce an allergic reaction.

EUH210 - Safety data sheet available on request.

# 2.3. Other hazards

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

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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 substance(s) are 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]
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based substance with national workplace exposure limit(s) (BE, BG, CZ, DK, ES, FI, GR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SK, IS, NO, CH); substance with a Community workplace exposure limit	CAS-No.: 72623-86-0 EC-No.: 276-737-9 EC Index-No.: 649-482-00-X REACH-no: 01-2119474878- 16	≥ 75 – < 90	Asp. Tox. 1, H304
Distillates (petroleum), hydrotreated heavy paraffinic substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LV, NL, PL, PT, RO, SE, SI, SK, IS, NO, CH, TR); substance with a Community workplace exposure limit	CAS-No.: 64742-54-7 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8 REACH-no: 01-2119484627- 25	≥ 3 – < 10	Not classified
Distillates (petroleum), hydrotreated light paraffinic substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LV, NL, PL, PT, RO, SE, SI, SK, IS, NO, CH); substance with a Community workplace exposure limit	CAS-No.: 64742-55-8 EC-No.: 265-158-7 EC Index-No.: 649-468-00-3 REACH-no: 01-2119487077-	≥ 0.1 – < 3	Not classified
Acetamide, 2-hydroxy-, N,N,dicoco alkyl derivs	EC-No.: 471-920-1 REACH-no: 01-00000-19770	≥ 0.3 – < 3	Skin Sens. 1B, H317
2-tetradecyloxirane, reaction products with boric acid	EC-No.: 701-392-2 REACH-no: 01-2119976364- 28	< 0.3	Skin Sens. 1B, H317
1,2-Propanediol, 3-amino, N, N-dicoco alkyl derivs	EC-No.: 482-000-4 REACH-no: 01-0000020142- 86	< 0.3	Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Methyl-1H-benzotriazole	CAS-No.: 29385-43-1 EC-No.: 249-596-6 REACH-no: 01-2119979081- 35	< 0.3	Acute Tox. 4 (Oral), H302 Repr. 2, H361d Aquatic Chronic 2, H411

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
Acetamide, 2-hydroxy-, N,N,dicoco alkyl derivs	EC-No.: 471-920-1 REACH-no: 01-00000-19770	(9.4 < C < 100) Skin Sens. 1B, H317

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

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

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

No additional information available

#### 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 : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a water jet since it may cause the fire to spread.

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

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

#### 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

General measures : Avoid spilling the product, as this might cause falls.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or

streams. For large spills, confine the spill in a dike and charge it with wet sand or earth for

subsequent safe disposal.

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

# 6.4. Reference to other sections

For further information refer to section 13.

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

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : 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

Storage conditions : Store in a well-ventilated place. Keep cool.

Storage temperature : < 40 °C

Storage area : Store at ambient temperature. Store away from heat.

Special rules on packaging : Keep only in original container. Store in a closed container.

#### 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

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (72623-86-0)		
EU - Indicative Occupational Exposure Limit (IOEL)		
IOEL TWA 5 mg/m³		
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)		
EU - Indicative Occupational Exposure Limit (IOEL)		
IOEL TWA	5 mg/m³	
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1] 5 mg/m³		
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)		
EU - Indicative Occupational Exposure Limit (IOEL)		

#### EU - Indicative Occupational Exposure Limit (IOEL)

IOEL TWA 5 mg/m<sup>3</sup>

**United Kingdom - Occupational Exposure Limits** 

WEL TWA (OEL TWA) [1] 5 mg/m³

# 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

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

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#### 8.2.2. Personal protection equipment

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







#### 8.2.2.1. Eye and face protection

# Eye protection:

Safety glasses

Eye protection			
Туре	Field of application	Characteristics	Standard
Safety glasses	Droplet	clear	EN 166

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

Protective gloves

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	>0.35		EN ISO 374

#### 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 : Liquid
Colour : amber.
Odour
Odour threshold : Not available
Melting point : Not applicable
Freezing point : -48 °C (ASTM D7346)

Boiling point : Not available
Flammability : Non flammable.
Lower explosion limit : Not available
Upper explosion limit : Not available

Flash point : > 210 °C (ASTM D92)

Auto-ignition temperature : Not available Decomposition temperature : Not available pH : Not available

Viscosity, kinematic : 34 mm²/s @ 40°C (ASTM D7042)

Solubility : insoluble in water.

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Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50°C : Not available

Density : 845 kg/m³ @ 15°C (ASTM D4052)

Relative density : Not available
Relative vapour density at 20°C : Not available
Particle characteristics : Not applicable

#### 9.2. Other information

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

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

# **SECTION 10: Stability and reactivity**

# 10.1. Reactivity

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

#### 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

None under recommended storage and handling conditions (see section 7).

# 10.5. Incompatible materials

Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# **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

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (72623-86-0)		
LD50 oral (rat) > 5000 mg/kg bodyweight 401 Acute Oral Toxicity Test		
LD50 dermal (rabbit) > 5000 mg/kg 402 Acute Dermal Toxicity Test		
LC50 inhalation (rat) (mg/l) 5.53 mg/l 403 Acute Inhalation Toxicity		
LC50 inhalation (rat) (Dust/Mist - mg/l/4h) > 5.53 mg/l/4h 403 Acute Inhalation Toxicity Test		
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)		

# LD50 oral (rat) > 5000 mg/kg 401 Acute Oral Toxicity Test

	cooking to the country to the
LD50 dermal (rabbit)	> 5000 mg/kg 402 Acute Dermal Toxicity Test
LC50 inhalation (rat) (Dust/Mist - mg/l/4h)	> 5.53 mg/l/4h 403 Acute Inhalation Toxicity Test

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2-tetradecyloxirane, reaction products with boric acid		
LD50 oral (rat)	> 16000 mg/kg	
LD50 dermal (rat)	> 2000 mg/kg	
Methyl-1H-benzotriazole (29385-43-1)		
LD50 oral (rat)	720 mg/kg	
LD50 dermal (rabbit)	> 2000 mg/kg 402 Acute Dermal Toxicity Test	
LC50 inhalation (rat) (mg/l)	> 1730 mg/m³ (1h)	
Distillates (petroleum), hydrotreated heavy pa	araffinic (64742-54-7)	
LD50 oral (rat)	> 5000 mg/kg bodyweight 401 Acute Oral Toxicity Test	
LD50 dermal (rabbit)	> 2000 mg/kg 402 Acute Dermal Toxicity Test	
LC50 inhalation (rat) (mg/l)	> 5000 mg/l/4h	
LC50 inhalation (rat) (Dust/Mist - mg/l/4h)	> 5.53 mg/l/4h 403 Acute Inhalation Toxicity Test	
Skin corrosion/irritation :	Not classified	
Serious eye damage/irritation :	Not classified	
Respiratory or skin sensitisation :	Not classified	
Germ cell mutagenicity :	Not classified	
Carcinogenicity :	Not classified	
Reproductive toxicity :	Not classified	
Methyl-1H-benzotriazole (29385-43-1)		
NOAEL (animal/male, F1)	90 mg/kg	
STOT-single exposure :	Not classified	
STOT-repeated exposure :	Not classified	
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (72623-86-0)		
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight	
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)		
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight/day Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)	
Methyl-1H-benzotriazole (29385-43-1)		
NOAEL (subacute, oral, animal/male, 28 days)	150 mg/kg bodyweight	
Distillates (petroleum), hydrotreated heavy pa	araffinic (64742-54-7)	
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408	
Aspiration hazard :	Not classified	
78420 - ATF CVT Plus		
Viscosity, kinematic	34 mm²/s @ 40°C (ASTM D7042)	
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (72623-86-0)		
Viscosity, kinematic	2978 mm²/s 40°C	
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)		
Viscosity, kinematic	< 20.5 mm²/s @40°C	
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)		
Viscosity, kinematic	≈ 98 mm²/s @ 40°C	

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# 11.2. Information on other hazards

No additional information available

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

Hazardous to the aquatic environment, short-term

acute)

: Not classified

Hazardous to the aquatic environment, long-term

: Not classified

(chronic)

Not rapidly degradable

·-·			
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (72623-86-0)			
LC50 - Fish [1]	> 100 mg/l Pimephales promelas		
EC50 - Crustacea [1]	> 10000 mg/l Daphnia magna		
NOEC chronic fish	1000 mg/l Oncorhynchus mykiss (14d)		
NOEC chronic crustacea	10 mg/l Daphnia magna (21d)		
NOEC chronic algae	≥ 100 mg/l Pseudokirchneriella subcapitata (72h)		
Distillates (petroleum), hydrotreated light par	affinic (64742-55-8)		
LC50 - Fish [1]	> 100 mg/l Pimephales promelas		
EC50 - Crustacea [1]	> 10000 mg/l Daphnia magna		
EC50 72h - Algae [1]	> 100 mg/l Pseudokirchneriella subcapitat		
NOEC chronic fish	1000 mg/l Oncorhynchus mykiss (14d)		
NOEC chronic crustacea	10 mg/l Daphnia magna (21d)		
NOEC chronic algae	≥ 100 mg/l Pseudokirchneriella subcapitata (72h)		
Acetamide, 2-hydroxy-, N,N,dicoco alkyl deriv	Acetamide, 2-hydroxy-, N,N,dicoco alkyl derivs		
EC50 - Crustacea [1]	180 mg/l Daphnia magna		
NOEC (acute)	100 mg/l		
NOEC chronic crustacea	56 mg/l Daphnia magna (21d)		
2-tetradecyloxirane, reaction products with boric acid			
LC50 - Fish [1]	> 100 mg/l Rainbow trout		
EC50 - Crustacea [1]	> 100 mg/l Daphnia magna		
EC50 72h - Algae [1]	> 100 mg/l Selenastrum capricomutum		
NOEC chronic crustacea	10 mg/l Daphnia magna (21d)		
1,2-Propanediol, 3-amino, N, N-dicoco alkyl derivs			
LC50 - Fish [1]	> 100 mg/l Rainbow Trout		
EC50 - Crustacea [1]	230 mg/l Daphnia magna		
EC50 72h - Algae [1]	16 mg/l		
NOEC chronic algae	3.2 mg/l (3d)		
Methyl-1H-benzotriazole (29385-43-1)			
LC50 - Fish [1]	180 mg/l Danio rerio		

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Methyl-1H-benzotriazole (29385-43-1)		
EC50 - Crustacea [1]	8.58 mg/l Daphnia galeata	
EC50 72h - Algae [1]	75 mg/l Raphidocelis subcapitata	
NOEC chronic crustacea	0.4 mg/l Daphnia galeata (21d)	
NOEC chronic algae	1.18 mg/l Desmodesmus subspicatus (72h)	
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)		
LC50 - Fish [1]	> 100 mg/l Pimephales promelas	
EC50 - Crustacea [1]	> 10000 mg/l Daphnia magna	
EC50 72h - Algae [1]	> 100 mg/l Pseudokirchneriella subcapitat	
NOEC chronic fish	1000 mg/l Oncorhynchus mykiss (14d)	
NOEC chronic crustacea	10 mg/l Daphnia magna (21d)	
NOEC chronic algae	≥ 100 mg/l Pseudokirchneriella subcapitata (72h)	

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (72623-86-0)		
Persistence and degradability	Not readily biodegradable.	
Biodegradation	31 % 28 d OECD 301F	
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)		
Biodegradation	31 % OECD TG 301 F (28d)	
2-tetradecyloxirane, reaction products with boric acid		
Biodegradation	17.3 % (28d)	
1,2-Propanediol, 3-amino, N, N-dicoco alkyl derivs		
Biodegradation	11 % OECD TG 301 B (28d)	
Methyl-1H-benzotriazole (29385-43-1)		
Persistence and degradability	Not readily biodegradable.	
Biodegradation	4 % OECD TG 301 F (28d)	
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)		
Persistence and degradability	Not readily biodegradable.	
Biodegradation	31 % OECD TG 301 F (28d)	

# 12.3. Bioaccumulative potential

Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	
Partition coefficient n-octanol/water (Log Pow)	> 6
Acetamide, 2-hydroxy-, N,N,dicoco alkyl derivs	
Partition coefficient n-octanol/water (Log Kow) 6.01 @ 25°C	
2-tetradecyloxirane, reaction products with boric acid	
Partition coefficient n-octanol/water (Log Kow) 9.4	
1,2-Propanediol, 3-amino, N, N-dicoco alkyl derivs	
Partition coefficient n-octanol/water (Log Kow)	3.86

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Methyl-1H-benzotriazole (29385-43-1)	
Partition coefficient n-octanol/water (Log Kow)	1.079 – 1.083 @ 25°C
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
Partition coefficient n-octanol/water (Log Pow) 3.9 – 6	

#### 12.4. Mobility in soil

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (72623-86-0)	
Ecology - soil	Adsorbs into the soil.

## 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

Waste treatment methods European List of Waste (LoW, EC 2000/532) HP Code

- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- : 13 02 06\* synthetic engine, gear and lubricating oils
- : HP5 "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.

# **SECTION 14: Transport information**

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

ADR	IMDG	IATA	ADN	RID	
14.1. UN number or ID n	14.1. UN number or ID number				
Not regulated for transport					
14.2. UN proper shippin	g name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
14.3. Transport hazard class(es)					
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
14.4. Packing group					
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
14.5. Environmental hazards					
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
No supplementary information available					

# 14.6. Special precautions for user

#### **Overland transport**

Not regulated

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## Transport by sea

Not regulated

#### Air transport

Not regulated

#### **Inland waterway transport**

Not regulated

#### Rail 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

#### 15.1.1. EU-Regulations

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

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

#### **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**

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

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Abbreviations and acronyms:	
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
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

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
EUH208	Contains Acetamide, 2-hydroxy-, N,N,dicoco alkyl derivs, 2-tetradecyloxirane, reaction products with boric acid, 1,2-Propanediol, 3-amino, N, N-dicoco alkyl derivs. May produce an allergic reaction.

# Safety Data Sheet

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

Full text of H- and EUH-statements:	
EUH210	Safety data sheet available on request.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H361d	Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Repr. 2	Reproductive toxicity, Category 2
Skin Sens. 1B	Skin sensitisation, category 1B

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.