Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
FUN NG VERT 40462 PA

Regulation (EU) n. 2020/878

Safety Data Sheet date: 19/6/2024, version 3

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

1.1. Product identifier

Trade name: FUN NG VERT 40462 PA
SDS code: 100450EU
UFI: 4H42-GG73-0A9P-NF4N

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

Recommended use:

Industrial uses
Paint/Coating

1.3. Details of the supplier of the safety data sheet

Manufacturers:

Socomore SASU
Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France
Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 50 26
Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland - Tel +353 21 4889922 / Fax +353 21 4889923 / ireland@socomore.com

Distributors:

Socomore SASU
Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France
Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 50 26
Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland - Tel +353 21 4889922 / Fax +353 21 4889923 / ireland@socomore.com

Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

1.4. Emergency telephone number

France : ORFILA (INRS) +33 (0)1 45 42 59 59
International : CHEMTEL +1-813-248-0585.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

- Warning, Flam. Liq. 3, Flammable liquid and vapour.
- Warning, Acute Tox. 4, Harmful if inhaled.
- Warning, Skin Irrit. 2, Causes skin irritation.
- Warning, Eye Irrit. 2, Causes serious eye irritation.
- Warning, Skin Sens. 1, May cause an allergic skin reaction.
- Warning, STOT SE 3, May cause respiratory irritation.
- Warning, STOT RE 2, May cause damage to organs through prolonged or repeated exposure.
- Warning, Aquatic Acute 1, Very toxic to aquatic life.

Warning, Aquatic Chronic 1, Very toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

Warning

Hazard statements:

H226 Flammable liquid and vapour.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P370+P378 In case of fire: Use dry sand, chemical powder or alcohol-resistant foam for extinction.
P391 Collect spillage.
P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

None

Contains

2-butoxyethanol; ethylene glycol monobutyl ether
reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700)
reaction mass of ethylbenzene and xylene
Xylene

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 20% - < 25%	trizinc bis(orthophosphate)	Index number: 030-011-00-6 CAS: 7779-90-0 EC: 231-944-3	4.1/A1 Aquatic Acute 1 H400 4.1/C1 Aquatic Chronic 1 H410
>= 20% - < 25%	reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700)	Index number: 603-074-00-8 CAS: 25068-38-6 EC: 500-033-5	3.3/2 Eye Irrit. 2 H319 3.2/2 Skin Irrit. 2 H315 3.4.2/1 Skin Sens. 1 H317 4.1/C2 Aquatic Chronic 2 H411 Specific Concentration Limits: C >= 5%: Eye Irrit. 2 H319 C >= 5%: Skin Irrit. 2 H315
>= 20% - < 25%	reaction mass of ethylbenzene and xylene	CAS: 1330-20-7 EC: 905-588-0 REACH No.: 01-2119488216-32	2.6/3 Flam. Liq. 3 H226 3.10/1 Asp. Tox. 1 H304 3.1/4/Dermal Acute Tox. 4 H312 3.1/4/Inhal Acute Tox. 4 H332 3.2/2 Skin Irrit. 2 H315 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H335 3.9/2 STOT RE 2 H373 4.1/C3 Aquatic Chronic 3 H412 Acute Toxicity Estimate: ATE - Dermal 1100 mg/kg bw ATE - Inhalation (Vapours) 11 mg/l
>= 7% - < 10%	2-butoxyethanol; ethylene glycol monobutyl ether	Index number: 603-014-00-0 CAS: 111-76-2 EC: 203-905-0 REACH No.: 01-2119475108-36	3.1/3/Inhal Acute Tox. 3 H331 3.1/4/Oral Acute Tox. 4 H302 3.2/2 Skin Irrit. 2 H315 3.3/2 Eye Irrit. 2 H319 Acute Toxicity Estimate: ATE - Oral 1200 mg/kg bw ATE - Inhalation (Vapours) 3 mg/l
>= 7% - < 10%	Xylene	CAS: 1330-20-7 EC: 215-535-7 REACH No.: 01-2119488216-32	2.6/3 Flam. Liq. 3 H226 3.10/1 Asp. Tox. 1 H304 3.1/4/Dermal Acute Tox. 4 H312 3.1/4/Inhal Acute Tox. 4 H332 3.2/2 Skin Irrit. 2 H315 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H335 3.9/2 STOT RE 2 H373

				4.1/C3 Aquatic Chronic 3 H412 Acute Toxicity Estimate: ATE - Dermal 1100 mg/kg bw ATE - Inhalation (Vapours) 11 mg/l ATE - Inhalation (Dust/mist) 1,5 mg/l ATE - Inhalation (Gas) 5000 ppmV
>= 3% - < 5%	ethylbenzene	Index number: CAS: EC: REACH No.:	601-023-00-4 100-41-4 202-849-4 01-2119489370-35	2.6/2 Flam. Liq. 2 H225 3.2/2 Skin Irrit. 2 H315 3.3/2 Eye Irrit. 2 H319 4.1/C3 Aquatic Chronic 3 H412 3.1/4/Inhal Acute Tox. 4 H332 3.9/2 STOT RE 2 H373 (hearing organs) 3.10/1 Asp. Tox. 1 H304 Acute Toxicity Estimate: ATE - Inhalation (Vapours) 11 mg/l
>= 1% - < 3%	butan-1-ol; n-butanol	Index number: CAS: EC: REACH No.:	603-004-00-6 71-36-3 200-751-6 01-2119484630-38	2.6/3 Flam. Liq. 3 H226 3.8/3 STOT SE 3 H335 3.2/2 Skin Irrit. 2 H315 3.3/1 Eye Dam. 1 H318 3.8/3 STOT SE 3 H336 3.1/4/Oral Acute Tox. 4 H302
>= 1% - < 3%	zinc oxide	Index number: CAS: EC:	030-013-00-7 1314-13-2 215-222-5	4.1/A1 Aquatic Acute 1 H400 4.1/C1 Aquatic Chronic 1 H410
>= 1% - < 3%	1-3-5-triazine-2-4-6(1H-3H-5H)-trione- sel de zinc	CAS: EC:	24468-28-8 246-279-4	4.1/A1 Aquatic Acute 1 H400 4.1/C1 Aquatic Chronic 1 H410
>= 0.3% - < 0.5%	toluene	Index number: CAS: EC: REACH No.:	601-021-00-3 108-88-3 203-625-9 01-2119471310-51	2.6/2 Flam. Liq. 2 H225 3.7/2 Repr. 2 H361d 3.10/1 Asp. Tox. 1 H304 3.9/2 STOT RE 2 H373 3.2/2 Skin Irrit. 2 H315 3.8/3 STOT SE 3 H336 4.1/C3 Aquatic Chronic 3 H412
>= 0.3% - < 0.5%	Titanium dioxide	CAS: EC: REACH No.:	13463-67-7 236-675-5 01-	The product is not classified as hazardous according to Regulation EC 1272/2008 (CLP).

			2119489379-17	
>= 0.1% - < 0.25%	2-methoxy-1-methylethyl acetate	Index number: CAS: EC: REACH No.:	607-195-00-7 108-65-6 203-603-9 01-2119475791-29	2.6/3 Flam. Liq. 3 H226 3.8/3 STOT SE 3 H336 EUH066
>= 0.001% - < 0.1%	n-butyl acetate	Index number: CAS: EC: REACH No.:	607-025-00-1 123-86-4 204-658-1 01-2119485493-29	2.6/3 Flam. Liq. 3 H226 3.8/3 STOT SE 3 H336 EUH066
>= 0.001% - < 0.1%	Cumene	Index number: CAS: EC:	601-024-00-X 98-82-8 202-704-5	2.6/3 Flam. Liq. 3 H226 3.6/1B Carc. 1B H350 3.10/1 Asp. Tox. 1 H304 3.8/3 STOT SE 3 H335 4.1/C2 Aquatic Chronic 2 H411
>= 0.001% - < 0.1%	butanone; ethyl methyl ketone	Index number: CAS: EC: REACH No.:	606-002-00-3 78-93-3 201-159-0 01-2119457290-43	2.6/2 Flam. Liq. 2 H225 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H336 EUH066

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an opthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do NOT induce vomiting.

In case of Inhalation:

If breathing is irregular or stopped, administer artificial respiration.

In case of inhalation, consult a doctor immediately and show the packing or label.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

No particular treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Foam.

Carbon dioxide (CO2)

Dry powder

Extinguishing media which must not be used for safety reasons:

High power water jet

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
Use localized ventilation system.
Don't use empty container before they have been cleaned.
Before making transfer operations, ensure that there aren't any incompatible material residuals in the containers.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Contamined clothing should be changed before entering eating areas.
Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.
Store at ambient temperatures. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Cool and adequately ventilated.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

trizinc bis(orthophosphate) - CAS: 7779-90-0

- OEL Type: EU - TWA: 10 mg/m3 - Notes: Inhalable dust
- OEL Type: National - TWA: 0.9 mg/m3 - Notes: France ; fraction alvéolaire (Article R4412-149 du Code du travail (réf. : INRS ED 984, 2016; Décret n° 2021-1763)
- OEL Type: National - TWA: 4 mg/m3 - Notes: France ; poussières totales Article R4412-149 du Code du travail (réf. : INRS ED 984, 2016; Décret n° 2021-1763)
- OEL Type: National - TWA: 1.25 mg/m3 - Notes: Germany ; fraction alvéolaire (TRGS900)
- OEL Type: National - TWA: 10 mg/m3 - Notes: Germany ; poussières totales (TRGS900)
- OEL Type: National - TWA(8h): 10 mg/m3 - Notes: UK ; inhalable dust
- OEL Type: National - TWA(8h): 4 mg/m3 - Notes: UK ; respirable dust
- OEL Type: National - TWA: 3 mg/m3 - Notes: Belgique ; particules respirables
- OEL Type: National - TWA: 10 mg/m3 - Notes: Belgique ; poussière inhalable
- OEL Type: National - TWA: 5 mg/m3 - STEL: 10 mg/m3 - Notes: Austria ; respirable dust
- OEL Type: National - TWA: 10 mg/m3 - STEL: 20 mg/m3 - Notes: Austria ; respirable dust
- OEL Type: National - TWA: 5 mg/m3 - STEL: 10 mg/m3 - Notes: Denmark ; respirable dust
- OEL Type: National - TWA: 10 mg/m3 - STEL: 20 mg/m3 - Notes: Denmark ; respirable

dust

- OEL Type: National - TWA: 10 mg/m3 - Notes: Finland ; respirable dust
- OEL Type: National - TWA: 10 mg/m3 - Notes: Hungary ; inhalable dust
- OEL Type: National - TWA: 6 mg/m3 - Notes: Hungary ; respirable dust
- OEL Type: National - TWA: 10 mg/m3 - Notes: Ireland ; inhalable dust
- OEL Type: National - TWA: 4 mg/m3 - Notes: Ireland ; respirable dust
- OEL Type: National - TWA: 10 mg/m3 - Notes: Italy ; inhalable dust
- OEL Type: National - TWA: 3 mg/m3 - Notes: Italy ; respirable dust
- OEL Type: National - TWA(8h): 10 mg/m3 - Notes: Netherlands ; inhalable dust
- OEL Type: National - TWA(8h): 5 mg/m3 - Notes: Netherlands ; respirable dust
- OEL Type: National - TWA(8h): 10 mg/m3 - Notes: Poland ; inhalable dust

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7

- OEL Type: National - TWA(8h): 221 mg/m3, 50 ppm - STEL: 442 mg/m3, 100 ppm - Notes: France VLEC - TMP N° 4Bis, 84
- OEL Type: National - TWA(8h): 440 mg/m3, 100 ppm - Notes: Germany - DFG, H
- OEL Type: National - TWA(8h): 220 mg/m3, 50 ppm - STEL: 441 mg/m3, 100 ppm - Notes: UK (WELs)
- OEL Type: EU - TWA(8h): 221 mg/m3, 50 ppm - STEL: 442 mg/m3, 100 ppm - Notes: Skin
- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: A4, BEI - URT and eye irr; hematologic eff; CNS impair
- OEL Type: National - TWA: 435 mg/m3, 100 ppm - STEL: 870 mg/m3, 200 ppm - Notes: Swiss - SUVA
- OEL Type: National - TWA: 221 mg/m3, 50 ppm - STEL(15min (Miw)): 442 mg/m3, 100 ppm - Notes: Österreich
- OEL Type: National - TWA: 221 mg/m3, 50 ppm - Notes: TWA:Poland

2-butoxyethanol; ethylene glycol monobutyl ether - CAS: 111-76-2

- OEL Type: National - TWA(8h): 9.8 mg/m3, 2 ppm - STEL: 147.6 mg/m3, 30 ppm - Notes: France VLEC (Fabricant)
- OEL Type: EU - TWA(8h): 98 mg/m3, 20 ppm - STEL: 246 mg/m3, 50 ppm - Notes: Skin ; Annex of Directive 2000/39/EC
- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: A3, BEI - Eye and URT irr
- OEL Type: National - TWA: 49 mg/m3, 10 ppm - STEL: 246 mg/m3, 50 ppm - Notes: France VLEC (INRS)
- OEL Type: National - TWA: 49 mg/m3, 10 ppm - Notes: Germany ; TRGS 900 (AGW)

Xylene - CAS: 1330-20-7

- OEL Type: National - TWA(8h): 221 mg/m3, 50 ppm - STEL(15min (Miw)): 442 mg/m3, 100 ppm - Behaviour: Binding - Notes: France VLEC - TMP N° 4Bis, 84
- OEL Type: National - TWA(8h): 440 mg/m3, 100 ppm - Notes: Germany - DFG, H
- OEL Type: National - TWA(8h): 220 mg/m3, 50 ppm - STEL: 441 mg/m3, 100 ppm - Notes: UK (WELs)
- OEL Type: EU - TWA(8h): 221 mg/m3, 50 ppm - STEL: 442 mg/m3, 100 ppm - Notes: Skin
- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: A4, BEI - URT and eye irr; hematologic eff; CNS impair

- OEL Type: National - TWA: 435 mg/m3, 100 ppm - STEL: 870 mg/m3, 200 ppm - Notes: Swiss - SUVA
- OEL Type: National - TWA: 221 mg/m3, 50 ppm - STEL(15min (Miw)): 442 mg/m3, 100 ppm - Notes: Österreich

ethylbenzene - CAS: 100-41-4

- OEL Type: National - TWA(8h): 88.4 mg/m3, 20 ppm - Notes: Germany - EU, H
- OEL Type: National - TWA(8h): 88.4 mg/m3, 20 ppm - STEL: 442 mg/m3, 100 ppm - Notes: France VLEC - TMP N° 84
- OEL Type: National - TWA(8h): 441 mg/m3, 100 ppm - STEL: 552 mg/m3, 125 ppm - Notes: UK (WELs)
- OEL Type: EU - TWA(8h): 442 mg/m3, 100 ppm - STEL: 884 mg/m3, 200 ppm - Notes: Skin
- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: OTO; A3, BEI - URT & eye irr; ototoxicity; kidney eff; CNS impair
- OEL Type: National - STEL: 220 mg/m3 - Notes: Swiss
- OEL Type: MAK - TWA: 440 mg/m3, 100 ppm - STEL(5 min (Mow)): 880 mg/m3, 200 ppm - Notes: Osterreich

butan-1-ol; n-butanol - CAS: 71-36-3

- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: Eye and URT irr
- OEL Type: National - STEL(15min (Miw)): 150 mg/m3, 50 ppm - Notes: France (INRS)

zinc oxide - CAS: 1314-13-2

- OEL Type: ACGIH - TWA(8h): 2 mg/m3 - STEL: 10 mg/m3 - Notes: (R) - Metal fume fever
- OEL Type: National - TWA: 5 mg/m3 - Behaviour: Indicative - Notes: France (INRS) ; fumées
- OEL Type: National - TWA: 10 mg/m3 - Behaviour: Indicative - Notes: France (INRS) ; poussière

toluene - CAS: 108-88-3

- OEL Type: National - TWA(8h): 190 mg/m3 - Notes: Germany - DFG, H, Y
- OEL Type: National - TWA(8h): 76.8 mg/m3, 20 ppm - STEL(15min (Miw)): 384 mg/m3, 100 ppm - Behaviour: Binding - Notes: France VLEC - TMP N° 4bis, 84 ; peau
- OEL Type: EU - TWA(8h): 192 mg/m3, 50 ppm - STEL: 384 mg/m3, 100 ppm - Notes: Skin
- OEL Type: National - TWA: 191 mg/m3, 50 ppm - STEL: 384 mg/m3, 100 ppm - Notes: UK (WELs)
- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: OTO; A4; BEI - CNS, visual & hearing impair; female repro system eff; pregnancy loss
- OEL Type: MAK - TWA: 190 mg/m3, 50 ppm - STEL(15min (Miw)): 380 mg/m3, 100 ppm - Notes: Osterreich

Titanium dioxide - CAS: 13463-67-7

- OEL Type: ACGIH - TWA(8h): 0.2 mg/m3 - Notes: Nanoscale particles; (R); A3 - LRT irr, pneumoconiosis
- OEL Type: National - TWA: 10 mg/m3 - Notes: France (a,TIO2)
- OEL Type: National - TWA: 5 mg/m3 - Notes: France (a,dust)
- OEL Type: National - TWA: 10 mg/m3 - Notes: Belgium

- OEL Type: National - TWA: 4 mg/m3 - STEL: 12 mg/m3 - Notes: UK
- OEL Type: National - TWA: 10 mg/m3 - Notes: Spain
- OEL Type: National - TWA: 10 mg/m3 - Notes: Portugal
- OEL Type: National - TWA: 6 mg/m3 - Notes: Denmark
- OEL Type: National - TWA: 5 mg/m3 - STEL: 10 mg/m3 - Notes: Austria
- OEL Type: National - TWA: 3 mg/m3 - Notes: Switzerland
- OEL Type: National - TWA: 10 mg/m3 - STEL: 30 mg/m3 - Notes: Poland
- OEL Type: National - TWA: 10 mg/m3 - STEL: 5 mg/m3 - Notes: Norway
- OEL Type: National - TWA: 12 mg/m3 - STEL: 4 mg/m3 - Notes: Ireland
- OEL Type: National - TWA: 5 mg/m3 - Notes: Swedish (NGV) ; Biologiska gränsvärden för yrkesexponering
- OEL Type: ACGIH - TWA(8h): 2.5 mg/m3 - Notes: Finescale particles; (R); A3 - LRT irr, pneumoconiosis

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

- OEL Type: ACGIH - TWA(8h): 150 ppm - STEL: 100 ppm
- OEL Type: National - TWA(8h): 275 mg/m3, 50 ppm - STEL: 550 mg/m3, 100 ppm - Behaviour: Binding - Notes: France VLEPC
- OEL Type: National - TWA(8h): 270 mg/m3, 50 ppm - Notes: GERMANY
- OEL Type: National - TWA(8h): 274 mg/m3, 50 ppm - STEL: 548 mg/m3, 100 ppm - Notes: UK (WELs)
- OEL Type: National - TWA: 260 mg/m3 - STEL: 520 mg/m3 - Notes: POLAND
- OEL Type: EU - TWA(8h): 275 mg/m3, 50 ppm - STEL: 550 mg/m3, 100 ppm - Notes: Skin
- OEL Type: AIHA

- TWA: 50 ppm
- OEL Type: National - TWA: 275 mg/m3, 50 ppm - STEL(5 min (Mow)): 550 mg/m3, 100 ppm - Notes: Österreich
- OEL Type: National - TWA: 270 mg/m3, 50 ppm - Notes: Norway (Skin)

n-butyl acetate - CAS: 123-86-4

- OEL Type: National - TWA: 241 mg/m3, 50 ppm - STEL: 723 mg/m3, 150 ppm - Behaviour: Binding - Notes: France, VLEPC
- OEL Type: National - TWA: 150 ppm - STEL: 200 ppm - Notes: United Kingdom
- OEL Type: National - TWA(8h): 300 mg/m3, 62 ppm - Notes: Germany
- OEL Type: ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Notes: Eye and URT irr
- OEL Type: National - TWA(8h): 238 mg/m3, 50 ppm - STEL: 712 mg/m3, 150 ppm - Notes: BELGIQUE
- OEL Type: National - TWA(8h): 480 mg/m3, 99 ppm - Notes: PAYS-BAS
- OEL Type: National - TWA: 480 mg/m3, 100 ppm - STEL(Mow): 480 mg/m3, 100 ppm - Notes: Österreich
- OEL Type: EU - TWA(8h): 241 mg/m3, 50 ppm - STEL: 723 mg/m3, 150 ppm

Cumene - CAS: 98-82-8

- OEL Type: EU - TWA(8h): 50 mg/m3, 10 ppm - STEL: 250 mg/m3, 50 ppm - Notes: Skin
- OEL Type: ACGIH - TWA(8h): 5 ppm - Notes: A3 - URT adenoma, neurological eff
- OEL Type: National - TWA(8h): 50 mg/m3, 10 ppm - STEL(15min (Miw)): 250 mg/m3, 50 ppm - Behaviour: Binding - Notes: France, VLEPC / peau

- OEL Type: National - TWA: 50 mg/m3 - STEL: 250 mg/m3 - Notes: Poland (Skin / skóra)

butanone; ethyl methyl ketone - CAS: 78-93-3

- OEL Type: National - TWA: 600 mg/m3, 200 ppm - STEL: 900 mg/m3, 300 ppm - Notes: France VLEC
- OEL Type: EU - TWA(8h): 600 mg/m3, 200 ppm - STEL: 900 mg/m3, 300 ppm
- OEL Type: ACGIH - TWA(8h): 200 ppm - STEL: 300 ppm - Notes: BEI - URT irr, CNS and PNS impair
- OEL Type: National - TWA: 600 mg/m3, 200 ppm - Notes: AGW, Germany
- OEL Type: MAK - TWA: 295 mg/m3, 100 ppm - STEL(30min (Miw)): 590 mg/m3, 200 ppm - Notes: Österreich
- OEL Type: National - TWA: 450 mg/m3 - STEL: 900 mg/m3 - Notes: Poland (Dz.U. 2018 pos. 1286)

DNEL Exposure Limit Values

trizinc bis(orthophosphate) - CAS: 7779-90-0

Worker Industry: 83 mg/kg b.w./day - Consumer: 83 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 5 mg/m3 - Consumer: 2.5 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 0.83 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7

Worker Industry: 77 mg/m3 - Consumer: 14.8 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 289 mg/m3 - Consumer: 174 mg/kg b.w./day - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 289 mg/m3 - Consumer: 174 mg/kg b.w./day - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 180 mg/kg b.w./day - Consumer: 108 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 1.6 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

2-butoxyethanol; ethylene glycol monobutyl ether - CAS: 111-76-2

Worker Industry: 89 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Short Term, systemic effects

Worker Industry: 75 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 246 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 663 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 98 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Xylene - CAS: 1330-20-7

Worker Professional: 289 mg/m3 - Consumer: 174 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Professional: 289 mg/m3 - Consumer: 174 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Professional: 180 mg/kg b.w./day - Consumer: 108 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 77 mg/m3 - Consumer: 14.8 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 1.6 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

ethylbenzene - CAS: 100-41-4

Worker Industry: 77 mg/m3 - Consumer: 15 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 1.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
Worker Industry: 180 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Industry: 293 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects

butan-1-ol; n-butanol - CAS: 71-36-3

Worker Industry: 310 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term (repeated) - Notes: 100 ppm
Consumer: 3125 mg/kg - Exposure: Human Oral - Frequency: Long Term (repeated) - Notes: 1 day
Consumer: 55 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term (repeated)

zinc oxide - CAS: 1314-13-2

Worker Industry: 5 mg/m3 - Consumer: 2.5 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Industry: 83 mg/kg b.w./day - Consumer: 83 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Consumer: 0.83 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term (repeated)
Worker Industry: 0.5 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects

toluene - CAS: 108-88-3

Worker Professional: 384 mg/m3 - Consumer: 226 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Professional: 192 mg/m3 - Consumer: 56.5 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Professional: 180 mg/kg - Consumer: 226 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Consumer: 8.13 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
Worker Professional: 384 mg/m3 - Consumer: 226 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects

Titanium dioxide - CAS: 13463-67-7

Worker Industry: 10 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects
Consumer: 700 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term,

systemic effects

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Worker Industry: 796 mg/kg b.w./day - Consumer: 320 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 275 mg/m3 - Consumer: 33 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 36 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Industry: 550 mg/m3 - Consumer: 33 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects

n-butyl acetate - CAS: 123-86-4

Worker Industry: 11 mg/kg - Consumer: 6 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 300 mg/m3 - Consumer: 35.7 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 2 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Industry: 600 mg/m3 - Consumer: 300 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 11 mg/kg - Consumer: 2 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects

Worker Industry: 600 mg/m3 - Consumer: 300 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 300 mg/m3 - Consumer: 35.7 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Industry: 11 mg/kg - Consumer: 6 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects

butanone; ethyl methyl ketone - CAS: 78-93-3

Worker Industry: 1161 mg/kg - Consumer: 412 mg/kg - Exposure: Human Dermal - Frequency: Short Term (acute) - Notes: 1 day

Worker Industry: 600 mg/m3 - Consumer: 106 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term (acute)

Consumer: 31 mg/kg - Exposure: Human Oral - Frequency: Short Term (acute)

PNEC Exposure Limit Values

trizinc bis(orthophosphate) - CAS: 7779-90-0

Target: Fresh Water - Value: 0.0206 mg/l

Target: Marine water - Value: 0.0061 mg/l

Target: Freshwater sediments - Value: 117.8 mg/kg dwt

Target: Marine water sediments - Value: 56.5 mg/kg dwt

Target: Soil - Value: 35.6 mg/kg dwt

Target: Sewage treatment plant - Value: 0.052 mg/l

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7

Target: Fresh Water - Value: 0.327 mg/l

Target: Water (intermittent discharge) - Value: 0.327 mg/l

Target: Marine water - Value: 0.327 mg/l

Target: Sewage treatment plant - Value: 6.58 mg/l

Target: Freshwater sediments - Value: 12.46 mg/kg
Target: Marine water sediments - Value: 12.46 mg/kg
Target: Soil - Value: 2.31 mg/kg

2-butoxyethanol; ethylene glycol monobutyl ether - CAS: 111-76-2
Target: Fresh Water - Value: 8.8 mg/l
Target: Marine water - Value: 0.88 mg/l
Target: Freshwater sediments - Value: 34.6 mg/kg
Target: Marine water sediments - Value: 3.46 mg/kg
Target: Soil (agricultural) - Value: 3.13 mg/kg
Target: Microorganisms in sewage treatments - Value: 463 mg/l

Xylene - CAS: 1330-20-7
Target: Marine water - Value: 0.327 mg/l - Notes:: evaluation factor : 1
Target: Marine water sediments - Value: 12.46 mg/kg
Target: Soil (agricultural) - Value: 2.31 mg/kg
Target: Microorganisms in sewage treatments - Value: 6.58 mg/l
Target: Soil - Value: 2.31 mg/kg - Notes:: Assessment factor/ 1 / ECHA

ethylbenzene - CAS: 100-41-4
Target: Marine water - Value: 0.01 mg/l - Notes:: factor assessment : 10
Target: Marine water - Value: 0.1 mg/l - Notes:: factor assessment : 18
Target: PNEC predator - Value: 2.68 mg/kg - Notes:: ECHA

butan-1-ol; n-butanol - CAS: 71-36-3
Target: Fresh Water - Value: 0.082 mg/l
Target: Marine water - Value: 0.0082 mg/l
Target: Freshwater sediments - Value: 0.178 mg/kg
Target: Marine water sediments - Value: 0.0178 mg/kg
Target: Soil (agricultural) - Value: 0.015 mg/kg

zinc oxide - CAS: 1314-13-2
Target: Fresh Water - Value: 20.6 µgZn/L
Target: Marine water - Value: 6.1 µgZn/L
Target: Freshwater sediments - Value: 117.8 mgZn/kg sediment dw
Target: Marine water sediments - Value: 56.5 mgZn/kg sediment dw
Target: Sewage treatment plant - Value: 100 µgZn/L

toluene - CAS: 108-88-3
Target: Fresh Water - Value: 0.68 mg/l
Target: Freshwater sediments - Value: 16.39 mg/kg
Target: Soil (agricultural) - Value: 2.89 mg/kg
Target: Microorganisms in sewage treatments - Value: 13.61 mg/l

Titanium dioxide - CAS: 13463-67-7
Target: Fresh Water - Value: 0.184 mg/l
Target: Fresh water - temporary - Value: 0.61 mg/l
Target: Marine water - Value: 0.0184 mg/l
Target: Sewage treatment plant - Value: 100 mg/l
Target: Freshwater sediments - Value: 1000 mg/kg dw
Target: Marine water sediments - Value: 100 mg/kg dw
Target: Soil - Value: 100 mg/kg dw

2-methoxy-1-methylethyl acetate - CAS: 108-65-6
- Target: Fresh Water - Value: 0.635 mg/l
- Target: Marine water - Value: 0.0635 mg/l
- Target: Microorganisms in sewage treatments - Value: 100 mg/l
- Target: Freshwater sediments - Value: 3.29 mg/kg dw
- Target: Marine water sediments - Value: 0.329 mg/kg dw
- Target: Soil - Value: 0.29 mg/kg
- Target: PNEC intermittent - Value: 6.35 mg/l

n-butyl acetate - CAS: 123-86-4
- Target: Fresh Water - Value: 0.18 mg/l
- Target: Marine water - Value: 0.018 mg/l
- Target: Freshwater sediments - Value: 0.981 mg/kg
- Target: Water (intermittent discharge) - Value: 0.36 mg/l
- Target: Marine water sediments - Value: 0.0981 mg/kg
- Target: Soil - Value: 0.0903 mg/kg
- Target: Microorganisms in sewage treatments - Value: 35.6 mg/l

butanone; ethyl methyl ketone - CAS: 78-93-3
- Target: Fresh Water - Value: 55.8 mg/l
- Target: Marine water - Value: 55.8 mg/l
- Target: Freshwater sediments - Value: 284.74 mg/kg
- Target: Marine water sediments - Value: 287.7 mg/kg
- Target: Soil (agricultural) - Value: 22.5 mg/kg

Biological Exposure Index

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7
- Remark: ACGIH BEL (2009)
- Remark: FR IBE (1997)

Xylene - CAS: 1330-20-7
- Value: 1.5 g/g - medium: Urinary creatinine - Biological Indicator: Methyl hippuric acid in urine - Sampling Period: End of turn - Remark: ACGIH BEL (2009)
- Value: 1.500 mg/g - medium: Urinary creatinine - Biological Indicator: Methyl hippuric acid in urine - Sampling Period: End of turn - Remark: FR IBE (1997)

8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use respiratory protection where ventilation is insufficient or exposure is prolonged.

Use adequate protective respiratory equipment.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:
None
Other conditions affecting workers exposure:
None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Green	--	--
Odour:	De solvant/ Solvent-like	--	--
Melting point/freezing point:	Not Relevant	--	--
Boiling point or initial boiling point and boiling range:	>36°C	--	--
Flammability:	Flam. Liq. 3, H226	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point (°C):	~23°C	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	Not Relevant	--	--
pH:	Not Relevant	--	--
Kinematic viscosity:	> 20,5 mm2/ sec (40 °C)	--	--
Solubility in water:	Immiscible	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	<1.000 hPa (50°C)	--	--
Density and/or relative density:	~1.22 g/cm3 (23°C)	--	--

Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Viscosity:	>20.6 mm2/s (40°C)	--	--

Volatile Organic compounds - VOCs = 36.94 %
Volatile Organic compounds - VOCs = 450.88 g/l

N.A. = not available

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable under normal conditions
10.2. Chemical stability
Stable under normal conditions
10.3. Possibility of hazardous reactions
None
10.4. Conditions to avoid
Stable under normal conditions.
10.5. Incompatible materials
Strong oxidizers.
10.6. Hazardous decomposition products
None.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Toxicological information of the product:
FUN NG VERT 40462 PA
Acute toxicity
The product is classified: Acute Tox. 4 H332
ATEmix - Oral 10011,6 mg/kg bw
ATEmix - Dermal 3822,29 mg/kg bw
ATEmix - Inhalation (Vapours) 16,5337 mg/l
Skin corrosion/irritation
The product is classified: Skin Irrit. 2 H315
Serious eye damage/irritation
The product is classified: Eye Irrit. 2 H319
Respiratory or skin sensitisation
The product is classified: Skin Sens. 1 H317

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
Reproductive toxicity
Not classified
Based on available data, the classification criteria are not met
STOT-single exposure
The product is classified: STOT SE 3 H335
STOT-repeated exposure
The product is classified: STOT RE 2 H373
Aspiration hazard
Not classified
Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

trizinc bis(orthophosphate) - CAS: 7779-90-0
Acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg bw
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg
Test: LC50 - Route: Inhalation (dust, mist) - Species: Rat = 5.7 mg/l - Duration: 4h

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700) - CAS: 25068-38-6
Acute toxicity:
Test: LD50 - Route: Oral - Species: Rat (female) > 2000 mg/kg - Source: OECD 420

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7
Acute toxicity
ATE - Dermal 1100 mg/kg bw
ATE - Inhalation (Vapours) 11 mg/l
Test: LD50 - Route: Skin = 1100 mg/kg
Test: LC50 - Route: Inhalation Vapour = 11 mg/l
Carcinogenicity:
Test: NOAEL - Route: Oral - Species: Rat > 500 mg/kg bw/day
Reproductive toxicity:
Test: NOAEC - Route: Inhalation - Species: Rat = 500 ppm - Notes: fertilité/fertility
Test: NOAEC - Route: Inhalation - Species: Rat = 100 ppm - Notes: développement/developement
Aspiration hazard:
= 0.812 cP - Notes: @20°C

2-butoxyethanol; ethylene glycol monobutyl ether - CAS: 111-76-2
Acute toxicity
ATE - Oral 1200 mg/kg bw
ATE - Inhalation (Vapours) 3 mg/l
Test: LD50 - Route: Oral - Species: Rat = 1480 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 400 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat < 2.39 mg/l - Duration: 4h
Test: LC50 - Route: Inhalation - Species: Rat > 2.21 mg/l - Duration: 4h
Test: ATE - Route: Inhalation Vapour = 3 mg/l - Source: (EC) No. 1272/2008
Test: ATE - Route: Oral = 1200 mg/kg - Source: (EC) No. 1272/2008
Test: LD50 - Route: Oral - Species: guinea pig = 1200 mg/kg
Test: LC0 - Route: Inhalation Vapour - Species: guinea pig > 2.25 mg/l - Duration: 4h
Test: LD50 - Route: Skin - Species: guinea pig > 2000 mg/kg - Source: OECD 402

STOT-repeated exposure:

Test: LOAEL
- Route: Oral - Species: Rat = 69 mg/kg bw/day - Notes: Subchronic toxicity; Target Organs: Liver
Test: LOAEL
- Route: Inhalation - Species: Rat = 0.152 mg/l - Duration: 6 months

Xylene - CAS: 1330-20-7

Acute toxicity

ATE - Dermal 1100 mg/kg bw
ATE - Inhalation (Vapours) 11 mg/l
ATE - Inhalation (Dust/mist) 1,5 mg/l
ATE - Inhalation (Gas) 5000 ppmV
Test: LC50 - Route: Inhalation - Species: Rat = 5000 ppm - Duration: 4h
Test: LD50 - Route: Oral - Species: Rat = 3523 mg/kg bw
Test: LD50 - Route: Skin - Species: Rabbit = 12126 mg/kg
Test: LC50 - Route: Inhalation Vapour - Species: Rat = 27124 mg/m3 - Duration: 4h
Test: ATE - Route: Skin = 1100 mg/kg bw
Test: ATE - Route: Inhalation Vapour = 11 mg/l
Test: ATE - Route: Inhalation (dust, mist) = 1.5 mg/l
Test: ATE - Route: Inhalation Gas = 5000 ppmV

ethylbenzene - CAS: 100-41-4

Acute toxicity

ATE - Inhalation (Vapours) 11 mg/l
Test: LD50 - Route: Skin - Species: Rabbit = 4100 mg/kg
Test: LD50 - Route: Oral - Species: Rat = 3500 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 20 mg/l - Duration: 4h
Test: LCL0 - Route: Inhalation - Species: Rat = 4000 ppm - Duration: 4h

butan-1-ol; n-butanol - CAS: 71-36-3

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 790 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg - Duration: 4h
Test: LC50 - Route: Inhalation - Species: Rat = 24.67 mg/l - Duration: 4h

zinc oxide - CAS: 1314-13-2

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 5.7 mg/l - Duration: 4h

toluene - CAS: 108-88-3

Acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 5580 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg
Test: LC50 - Route: Inhalation Vapour - Species: Rat = 28.1 mg/l - Duration: 4h
Titanium dioxide - CAS: 13463-67-7
Acute toxicity:
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 6.82 mg/l - Duration: 4h
STOT-repeated exposure:
Test: NOAEL - Route: Oral - Species: Rat (Male, female) > 1000 mg/kg - Duration: 90 Jours - Source: OECD 408 - Subchronic toxicity
Test: NOAEL - Route: Oral - Species: Rat (male) = 24000 mg/kg - Duration: 29 days - Source: OECD 407 - Subchronic toxicity
2-methoxy-1-methylethyl acetate - CAS: 108-65-6
Acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Source: OECD 401
Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg - Source: OECD 402
Test: LC50 - Route: Inhalation - Species: Rat > 10.8 mg/l
Test: LC50 - Route: Skin - Species: Rabbit > 5000 mg/kg - Source: OECD 402
Test: LC0 - Route: Inhalation Vapour - Species: Rabbit = 23.5 mg/l - Source: OECD 403
Test: ATE - Route: Oral > 5000 mg/kg
Test: ATE - Route: Inhalation Vapour > 23.5 mg/l - Duration: 6 hours
Test: ATE - Route: Skin > 5000 mg/kg
n-butyl acetate - CAS: 123-86-4
Acute toxicity:
Test: LD50 - Route: Skin - Species: Rabbit > 14000 mg/kg
Test: LD50 - Route: Oral - Species: Rat = 10736 mg/kg
Test: LC50 - Route: Inhalation Dust - Species: Rat = 23.4 mg/l - Duration: 4h
Test: LC50 - Route: Inhalation Mist - Species: Rat = 23.4 mg/l - Duration: 4h
Test: LC50 - Route: Inhalation (aerosol) - Species: Rabbit (male, female) = 0.74 mg/l - Duration: 4h - Source: OECD 403
Test: LC50 - Route: Inhalation Vapour - Species: Rat > 21.1 mg/l - Duration: 4h - Source: OECD 403
Test: LC0 - Route: Inhalation Vapour - Species: Rat > 38.32 mg/l - Duration: 6 hours
Reproductive toxicity:
Test: LOAEC - Route: Inhalation Vapour - Species: Rat = 1500 ppm - Source: OECD 414
Test: NOAEC - Route: Inhalation Vapour - Species: mouse (Male, female) = 2000 ppm - Duration: 90 Jours - Source: OECD 416
STOT-repeated exposure:
Test: NOAEC - Route: Inhalation - Species: Rat (Male, female) = 500 ppm - Duration: 13 weeks - Source: EPA OTS 798.2450
Test: NOAEL - Route: Oral - Species: Rat (Male, female) = 125 mg/kg bw/day - Duration: 13 weeks
Test: LOAEL

- Route: Oral - Species: mouse (Male, female) = 500 mg/kg bw/day - Duration: 13 days

butanone; ethyl methyl ketone - CAS: 78-93-3

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Test: LC50 - Route: Inhalation > 5000 ppm

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration >= 0.1%

Other toxicological information:

reaction mass of ethylbenzene and xylene

Skin contact:

Irritating effect

Ingestion:

Ingestion may cause irritation of the digestive tract, nausea, vomiting and diarrhea, abdominal pain.

Harmful by inhalation.

-

Xylene

Skin contact:

Irritating effect

Ingestion:

Ingestion may cause irritation of the digestive tract, nausea, vomiting and diarrhea, abdominal pain.

Harmful by inhalation.

-

butan-1-ol; n-butanol

Skin corrosion/skin irritation:

Irritating to skin.

Rabbit, Result: Irritant, OECD Guideline 404

Rabbit, Result: Risk of serious eye damage, OECD Guideline 405.

-

toluene

Skin contact:

Irritating effect

Eye contact:

Irritating effect

Inhalation of high concentration of vapours may cause irritation of the respiratory system.

Inhalation of high concentration vapours causes a narcotic reaction on the central nervous system, and severe lung damage.

Ingestion may cause irritation of the digestive tract, nausea, vomiting and diarrhea, abdominal pain.
Risk of central nervous system depression.
-

butanone; ethyl methyl ketone
Skin corrosion / irritation (rabbit):
Slight irritating effect
Severe eye injury/irritation (rabbit):
Highly irritating

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.
FUN NG VERT 40462 PA
The product is classified: Aquatic Acute 1 - H400; Aquatic Chronic 1 - H410
trizinc bis(orthophosphate) - CAS: 7779-90-0
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 0.140 mg/l
Endpoint: EC50 - Species: Daphnia = 0.04 mg/l
Endpoint: EC50 - Species: Algae = 0.136 mg/l - Duration h: 72
Endpoint: LC50 - Species: Fish = 0.215 mg Zn/l - Duration h: 96 - Notes: pH 6 ; Cottus bairdii
Endpoint: LC50 - Species: Fish = 0.435 mg Zn/l - Duration h: 96 - Notes: pH 8 ; Cottus bairdii
Endpoint: EC50 - Species: Crustacea = 0.154 mg Zn/l - Duration h: 48 - Notes: pH 6 ; daphnia magna
Endpoint: EC50 - Species: Crustacea = 0.095 mg Zn/l - Duration h: 48 - Notes: pH 8 ; daphnia magna
Endpoint: EC50 - Species: Algae = 0.308 mg Zn/l - Duration h: 72 - Notes: pH 6 ; Selenastrum capricornutum
Endpoint: EC50 - Species: Algae = 0.041 mg Zn/l - Duration h: 72 - Notes: pH 8 ; Selenastrum capricornutum
b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Fish = 0.06 mg/l
Endpoint: NOEC - Species: Algae = 0.055 mg/l - Notes: Selenastrum capricornutum
reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700) - CAS: 25068-38-6
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: OECD 203, Oncorhynchus mykiss
Endpoint: EC50 - Species: Aquatic invertebrates > 100 mg/l - Duration h: 48 - Notes: OECD 202, Daphnia magna
Endpoint: EC50 - Species: Algae = 100 mg/l - Duration h: 72 - Notes: OECD 201, Selenastrum capricornutum
reaction mass of ethylbenzene and xylene - CAS: 1330-20-7
a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 2.6 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss
Endpoint: IC50 - Species: Aquatic invertebrates = 1 mg/kg/d - Duration h: 24 - Notes: Daphnia magna
Endpoint: EC50 - Species: Aquatic plants = 2.2 mg/l - Duration h: 73 - Notes: Pseudokirchneriella subcapitata
Endpoint: NOEC - Species: activated sludge = 157 mg/l - Duration h: 3
Endpoint: NOEC - Species: Fish > 1.3 mg/l - Duration h: 1344 - Notes: Oncorhynchus mykiss
Endpoint: NOAEL - Species: Aquatic invertebrates = 1.17 mg/l - Duration h: 168 - Notes: Ceriodaphnia dubia

2-butoxyethanol; ethylene glycol monobutyl ether - CAS: 111-76-2

a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 24 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss
Endpoint: EC50 - Species: Daphnia = 53 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae = 61 mg/l - Duration h: 48 - Notes: OECD 201; Pseudokirchneriella subcapitata - Test Type: Static Test
Endpoint: EC10 - Species: Algae = 88 mg/l - Duration h: 72 - Notes: OECD 201; Pseudokirchneriella subcapitata - Test Type: Static Test
Endpoint: EC50 - Species: bacteria > 1000 mg/l - Duration h: 3

b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Fish > 100 mg/l - Duration h: 504 - Notes: Danio rerio (zebra fish) - Semi-static system
Endpoint: NOEC - Species: Daphnia = 100 mg/l - Duration h: 504 - Notes: OECD 211; reproductionb rate - Semi-static system

Xylene - CAS: 1330-20-7

a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Daphnia > 100 mg/l - Duration h: 24
Endpoint: LC50 - Species: Daphnia < 1000 mg/l - Duration h: 24
Endpoint: LC50 - Species: Fish = 2.6 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss
Endpoint: EC50 - Species: Daphnia = 1.0 mg/l - Duration h: 48
Endpoint: TLM - Species: Fish = 22 ppm - Duration h: 96 - Notes: Crapet Arlequin
Endpoint: IC50 - Species: Algae = 2.2 mg/l - Duration h: 72

b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Algae = 0.44 mg/l - Duration h: 72

ethylbenzene - CAS: 100-41-4

a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia > 1.37 mg/l - Duration h: 48
Endpoint: EC50 - Species: Daphnia < 4.4 mg/l - Duration h: 48
Endpoint: LC50 - Species: Fish = 4.2 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Fish > 1 mg/l

butan-1-ol; n-butanol - CAS: 71-36-3

a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 1376 mg/l - Duration h: 96 - Notes: OECD 203; ISO 7346; 92/69/CEE, C.1, static ; Pimephales promelas
Endpoint: EC50 - Species: Aquatic invertebrates = 1328 mg/l - Duration h: 48 - Notes: OECD 202;

daphnia magna
Endpoint: EC50 - Species: Aquatic plants = 225 mg/l - Duration h: 96 - Notes: OECD 201; Pseudokirchneriella subcapitata
Endpoint: NOEC - Species: Aquatic plants = 129 mg/l - Duration h: 96 - Notes: OECD 201; Pseudokirchneriella subcapitata
Endpoint: EC10 - Species: Microorganisms = 2476 mg/l - Duration h: 17 - Notes: DIN 38412; Pseudomonas putida - Activated sludge

b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Aquatic invertebrates = 4.1 mg/l - Duration h: 504 - Notes: OECD 211; daphnia magna

toluene - CAS: 108-88-3

a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Algae = 134 mg/l - Duration h: 3 - Notes: Chlorella vulgaris
Endpoint: EC50 - Species: Daphnia = 3.78 mg/l - Duration h: 48
Endpoint: LC50 - Species: Fish = 5.5 mg/l - Duration h: 96 - Notes: Oncorhynchus kisutch

b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Daphnia = 0.74 mg/l - Duration h: 168 - Notes: Ceriodaphnia dubia
Endpoint: NOEC - Species: Algae = 10 mg/l - Duration h: 72 - Notes: Skeletonema costatum
Endpoint: EC50 - Species: Daphnia = 3.23 mg/l - Duration h: 168 - Notes: Ceriodaphnia dubia
Endpoint: LOEC
- Species: Daphnia = 2.76 mg/kg/d - Duration h: 168 - Notes: Ceriodaphnia dubia
Endpoint: NOEC - Species: Fish = 1.39 mg/l - Duration h: 960 - Notes: Oncorhynchus kisutch
Endpoint: LOEC
- Species: Fish = 2.77 mg/l - Duration h: 960 - Notes: Oncorhynchus kisutch

c) Bacteria toxicity:
Endpoint: NOEC - Species: bacteria = 29 mg/l - Duration h: 16 - Notes: pseudomonas putida

Titanium dioxide - CAS: 13463-67-7

a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: OECD 203 ; Oncorhynchus mykiss
Endpoint: LC50 - Species: Daphnia > 100 mg/l - Duration h: 48 - Notes: OECD 202 ; Daphnia magna
Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72 - Notes: OECD 201 ; Pseudokirchneriella subcapitata
Endpoint: NOEC - Species: Algae >= 100 mg/l - Duration h: 72 - Notes: OECD 201 ; Pseudokirchneriella subcapitata
Endpoint: EC50 - Species: bacteria > 1000 mg/l - Duration h: 3 - Notes: OECD 209 - Activated sludge

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Aquatic plants > 1000 mg/l - Duration h: 72 - Notes: Selenastrum capricornutum, OECD 201
Endpoint: LC50 - Species: Fish = 134 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss, OECD 203
Endpoint: EC50 - Species: Invertebrates > 500 mg/l - Duration h: 48 - Notes: Daphnia magna

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 47.5 mg/l - Duration h: 336 - Notes: Oryzias latipes, OECD 204

Endpoint: NOEC - Species: Invertebrates > 100 mg/l - Duration h: 504 - Notes: Daphnia magna, OECD 202

n-butyl acetate - CAS: 123-86-4

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 647.7 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus

Endpoint: NOEC - Species: Algae = 200 mg/l - Notes: Desmodesmus subspicatus

Endpoint: EC50 - Species: Aquatic plants = 397 mg/l - Duration h: 72 - Notes: DIN 38412 Part. 9, Pseudokirchneriella subcapitata

Endpoint: LC50 - Species: Fish = 18 mg/l - Duration h: 96 - Notes: OECD 203, Pimephales promelas

Endpoint: EC50 - Species: bacteria = 356 mg/l - Duration h: 40 - Notes: Tetrahymena pyriformis

Endpoint: EC50 - Species: Daphnia = 44 mg/l - Duration h: 48 - Notes: OECD 202

Endpoint: ErC50 - Species: Aquatic plants = 397 mg/l - Duration h: 72 - Notes: OECD 201, Pseudokirchneri
ella subcapitata

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 23 mg/l - Duration h: 504 - Notes: OCDE 211

Endpoint: NOEC - Species: Aquatic plants = 196 mg/l - Duration h: 72 - Notes: OECD 201, Pseudokirchneri
ella subcapitata

Endpoint: IC50 - Species: bacteria = 356 mg/l - Duration h: 40 - Notes: TETRATOX assay, Tetrahymena pyriformis

d) Terrestrial toxicity:

Endpoint: EC50 > 1000 mg/kg - Duration h: 336 - Notes: Lactuca sativa

butanone; ethyl methyl ketone - CAS: 78-93-3

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 13 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: Oncorhynchuss mykiss

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 168 - Notes: Desmodesmus subspicatus

12.2. Persistence and degradability

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700) - CAS: 25068-38-6

Biodegradability: Not biodegradable - Test: OECD 301F - Duration: 28 days - %: 5%

2-butoxyethanol; ethylene glycol monobutyl ether - CAS: 111-76-2

Biodegradability: Biodegradability rate - Duration: 28 days - %: 87

butan-1-ol; n-butanol - CAS: 71-36-3

Biodegradability: Readily biodegradable - Duration: 19 days - %: > 70% - Notes: Aerobic

toluene - CAS: 108-88-3

Biodegradability: Readily biodegradable - Duration: 14 days - %: 100

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Biodegradability: Biological oxygen demand (BOD) - Test: OECD 301F - Duration: 28 days - %: 83% - Notes: ISO 9408; 92/69/CEE, C.4-D

n-butyl acetate - CAS: 123-86-4
Biodegradability: Biodegradability rate - Test: OECD 301D - Duration: 5 days - %: 83% - Notes: CEE 92/69, C.4-E
butanone; ethyl methyl ketone - CAS: 78-93-3
Biodegradability: Readily biodegradable - Duration: 28 days - %: 98 - Notes: aerobie

12.3. Bioaccumulative potential

Xylene - CAS: 1330-20-7
Low bioconcentration potential
Log Pow 3.12
BCF 8.1 - 25.9
ethylbenzene - CAS: 100-41-4
Log Kow 3.15
toluene - CAS: 108-88-3
BCF 90
Log Pow 2.65
2-methoxy-1-methylethyl acetate - CAS: 108-65-6
BCF < 100
Log Pow < 3
n-butyl acetate - CAS: 123-86-4
BCF 15.3
Log Kow 2.3 - Notes: 25 °C
butanone; ethyl methyl ketone - CAS: 78-93-3
Log Pow 0.3
Log Kow 0.3

12.4. Mobility in soil

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700) - CAS: 25068-38-6
Log Koc 445
reaction mass of ethylbenzene and xylene - CAS: 1330-20-7
Log Koc 2.73 - Notes: @20-25°C
Volatility (H: Henry's Law Constant) 623-665 Pa m³/mol - Notes: @25°C
Surface tension 29.76 mN/m - Notes: @25°C
2-butoxyethanol; ethylene glycol monobutyl ether - CAS: 111-76-2
Log Koc 2.5
n-butyl acetate - CAS: 123-86-4
Log Koc 1.268
Volatility (H: Henry's Law Constant) 28.5 Pa.m³/mol - Notes: 25 °C

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects

No harmful effects expected.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.
Codes of wastes (Décision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste):

08 01 11* wastes of paint and varnish containing organic solvents or other dangerous substances

SECTION 14: Transport information

14.1. UN number or ID number

ADR-UN Number:	1263
IATA-UN Number:	1263
IMDG-UN Number:	1263

14.2. UN proper shipping name

ADR-Shipping Name:	PAINT
IATA-Shipping Name:	PAINT
IMDG-Shipping Name:	PAINT

14.3. Transport hazard class(es)

ADR-Class:	3
ADR - Hazard identification number:	30
IATA-Class:	3
IATA-Label:	3
IMDG-Class:	3

14.4. Packing group

ADR-Packing Group:	III
IATA-Packing group:	III
IMDG-Packing group:	III

14.5. Environmental hazards

ADR-Enviromental Pollutant:	Yes
IMDG-Marine pollutant:	Yes
IMDG-EmS:	F-E , S-E

14.6. Special precautions for user

ADR-Subsidiary hazards:	-
ADR-S.P.:	163 367 650
ADR-Transport category (Tunnel restriction code):	3 (D/E)
IATA-Passenger Aircraft:	355
IATA-Subsidiary hazards:	-
IATA-Cargo Aircraft:	366
IATA-S.P.:	A3 A72 A192
IATA-ERG:	3L
IMDG-Subsidiary hazards:	-
IMDG-Stowage and handling:	Category A
IMDG-Segregation:	-

Q.L.: 5L

Q.E.: E1

14.7. Maritime transport in bulk according to IMO instruments

N.A.

SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Regulation (EU) n. 2021/849 (ATP 17 CLP)
Regulation (EU) n. 2022/692 (ATP 18 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3
Restriction 40

Restrictions related to the substances contained:

Restriction 48
Restriction 75

Listed or in compliance with the following international inventories:

Labelling of detergents (EC Regulations 648/2004 and 907/2006):

N.A.

Labelling of biocides (Regulations 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006,

1451/2007 and Directive 98/8/EC):

N.A.

N.A.

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

1999/13/EC (VOC directive)

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

Product belongs to category: P5c, E1

15.2. Chemical safety assessment

No

SECTION 16: Other information

N.A.: Not Applicable or Not Available

Full text of phrases referred to in Section 3:

H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.
H331 Toxic if inhaled.
H302 Harmful if swallowed.
H225 Highly flammable liquid and vapour.
H373 (hearing organs) May cause damage to organs (hearing organs) through prolonged or repeated exposure.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.

H361d Suspected of damaging the unborn child.
EUH066 Repeated exposure may cause skin dryness or cracking.
H350 May cause cancer.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 3	3.1/3/Inhal	Acute toxicity (inhalation), Category 3
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Carc. 1B	3.6/1B	Carcinogenicity, Category 1B
Repr. 2	3.7/2	Reproductive toxicity, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

This safety data sheet has been completely updated in compliance to Regulation 2020/878.
Paragraphs modified from the previous revision:

SECTION 3: Composition/information on ingredients
SECTION 8: Exposure controls/personal protection
SECTION 11: Toxicological information
SECTION 12: Ecological information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	**Classification procedure**
Flam. Liq. 3, H226	On basis of test data
Acute Tox. 4, H332	Calculation method
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1, H317	Calculation method
STOT SE 3, H335	Calculation method
STOT RE 2, H373	Calculation method
Aquatic Acute 1, H400	Calculation method
Aquatic Chronic 1, H410	Calculation method

Due to the integration of the Mader Aero products range into the Socomore Group, all Safety Data Sheets have been re-evaluated on the basis of consolidated information. This may have led to significant changes in our Safety Data Sheets. If you have any questions regarding these changes, you can contact us at the address indicated in section 1.
This document was prepared by a competent person who has received appropriate training.
Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
CCNL - Appendix 1
Insert further consulted bibliography

SOCOMORE strongly advises every recipient of this safety data sheet to read it carefully and to consult experts in the field if necessary or appropriate, in order to understand the information it contains, notably the possible dangers associated with this product. The users must ensure the conformity and completeness of this information with regards to their specific use of the product.
The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

The information is considered correct, but it is not exhaustive and it shall be used only as a guide which is based on the current knowledge of the substance or mixture and it is applicable to the safety precautions appropriate for the product.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
STOT SE:	May cause drowsiness or dizziness
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day.

(ACGIH Standard).

WGK: German Water Hazard Class.