

SWEET SKIN Part A

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Revision date: 29/09/2020 Date of issue: 13/12/2013



Version: 4.0

SECTION 1: Identification of the Substance/mixture and of the Company/Undertaking

1.1. Product Identifier

Product form Mixture
Product Name SWEET SKIN Part A
Synonyms Silicone Dispersion

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

1.2.1. Relevant Identified Uses

Use of the Substance/Mixture For professional use only.

1.2.2. Uses Advised Against

No additional information available

1.3. Details of the Supplier of the Safety Data Sheet

TRINYTEC

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ZA DU CLAVON

26230 VALAURIE

+33 (0)4 26 34 15 93

orders@trinytec.com

1.4. Emergency Telephone Number

Emergency Number +1 703-527-3887 CHEMTREC (International and Maritime), 800-424-9300
CHEMTREC (in US)
+(44)-870-8200418
+(353)-19014670

SECTION 2: Hazards Identification

2.1. Classification of the Substance or Mixture

Classification According to Regulation (EC) No. 1272/2008 (CLP)

Flam. Liq. 3 H226

Acute Tox. 4 (Oral) H302

Skin Corr. 1B H314

Eye Dam. 1 H318

STOT RE 2 H373

Asp. Tox. 1 H304

Full text of hazard classes and H-statements : see section 16

2.2. Label Elements

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

Hazard Pictograms (CLP)



GHS02

GHS05



GHS07

GHS08

Signal Word (CLP)

Danger

Hazardous Ingredients

Silanetriol, ethyl-, triacetate; Reaction mass of ethylbenzene

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Hazard Statements (CLP)

and xylene

H226 - Flammable liquid and vapour.

H302 - Harmful if swallowed.

H304 - May be fatal if swallowed and enters airways.

H314 - Causes severe skin burns and eye damage.

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

Precautionary Statements (CLP)

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

P233 - Keep container tightly closed.

P240 - Ground and bond container and receiving equipment.

P241 - Use explosion-proof electrical/ventilating/lighting equipment.

P242 - Use non-sparking tools.

P243 - Take action to prevent static discharges.

P260 - Do not breathe vapors, mist, spray.

P264 - Wash hands, forearms, and exposed areas thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

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

P301+P310 - **IF SWALLOWED:** Immediately call a POISON CENTER or doctor.

P301 +P312 - **IF SWALLOWED:** Call a POISON CENTRE or doctor if you feel unwell.

P301 +P330+P331 - **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting.

P303+P361 +P353 - **IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water .

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

P305+P351 +P338 - **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor.

P314 - Get medical advice/attention if you feel unwell.

P321 - Specific treatment (see Section 4 on this label).

P330 - Rinse mouth.

P331 - Do NOT induce vomiting.

P370+P378 - In case of fire: Use dry chemical powder, alcohol foam, or carbon dioxide (CO2) to extinguish.

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other Hazards

Other Hazards Not Contributing to the Classification

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

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SECTION 3: Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Nome	Product Identifier	%	Classification According to Regulation (EC) No. 1272/2008 [CLP]
Silanetriol, ethyl-, triacetate	(CAS-No.) 17689-77-9 (EC-No.) 241-677-4	50- 70	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318
Reaction mass of ethylbenzene and xylene	(CAS-No.) Not Applicable (EC-No.) 905-588-0 (REACH-no) 01-2119539452-40	10-30	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304
Isopropyl alcohol	(CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0	< 0, 1	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

Full text of H-statements: see section 16

SECTION 4: First Aid Measures

4.1. Description of First-aid Measures

First-Aid Measures General	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-Aid Measures After Inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
First-Aid Measures After Skin Contact	Immediately remove contaminated clothing. Immediately flush skin with plenty of water for at least 30 minutes. Get immediate medical advice/attention.
First-Aid Measures After Eye Contact	Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
First-Aid Measures After Ingestion	Obtain emergency medical attention. Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Effects	Harmful if swallowed. Causes severe skin burns and eye damage. May be fatal if swallowed and enters airways. May cause damage to organs through prolonged or repeated exposure.
Symptoms/Effects After Inhalation	May be corrosive to the respiratory tract.

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Symptoms/Effects After Skin Contact	Causes severe irritation which will progress to chemical burns.
Symptoms/Effects After Eye Contact	Causes permanent damage to the cornea, iris, or conjunctiva.
Symptoms/Effects After Ingestion	This material is harmful oral/y and can cause adverse health effects or death in significant amounts. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.
Chronic Symptoms	May cause damage to organs through prolonged or repeated exposure.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting Measures

5.1. Extinguishing Media

Suitable Extinguishing Media Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂). Water may be ineffective but water should be used to keep fire-exposed container cool.

Unsuitable Extinguishing Media Do not use a heavy water stream. A heavy water stream may spread burning liquid.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard Flammable liquid and vapour. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours.

Explosion Hazard May form flammable or explosive vapour-air mixture.
Reactivity Reacts violently with strong oxidisers. Increased risk of fire or explosion. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

Hazardous Decomposition Products in Case of Fire Carbon oxides (CO, CO₂). Silicon oxides. Formaldehyde. Hydrocarbons. Silica compounds.

5.3. Advice for Firefighters

Precautionary Measures Fire Exercise caution when fighting any chemical fire.
Firefighting Instructions Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Protection During Firefighting Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges.

6.1.1. For Non-Emergency Personnel

Protective Equipment Use appropriate personal protective equipment (PPE).

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Emergency Procedures

6.1.2. For Emergency Responders

Protective Equipment

Emergency Procedures

Evacuate unnecessary personnel. Stop leak if safe to do so.

Equip cleanup crew with proper protection.

Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area. Eliminate ignition sources.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. Clean up spills immediately and dispose of waste safely. Cautiously neutralize spilled liquid. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Transfer spilled material to a suitable container for disposal. Use only non-sparking tools. Contact competent authorities after a spill.

Methods For Cleaning Up

6.4. Reference to Other Sections

See Section 8 for exposure contraindications and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling And Storage

7.1. Precautions for Safe Handling

Additional Hazards When Processed

Precautions for Safe Handling

Handle empty containers with care because residual vapours are flammable. May release corrosive vapors.

Do not breathe vapours, spray, mist. Do not get in eyes, on skin, or on clothing. Take precautionary measures against static discharge. Use only non-sparking tools. Handle empty containers with care because they may still present a hazard. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures

Comply with applicable regulations. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

Storage Conditions

Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a well-ventilated place. Keep container tightly closed. **Keep in** fireproof place. Store in original container or corrosive resistant and/or lined container. Store locked up/in a secure area.

Incompatible Materials

Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(S)

For professional use only.

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SECTION 8: Exposure Controls/Personal Protection

8.1. Control Parameters

Reaction mass of ethylbenzene and xylene (Not Applicable)		
EU	IOELV TWA (mg/m ³)	221 mg/m ³ (pure)
EU	IOELV TWA (ppm)	50 ppm (pure)
EU	IOELV STEL (mg/m ³)	442 mg/m ³ (pure)
EU	IOELV STEL (ppm)	100 ppm (pure)
EU	Notes	Possibility of significant uptake through the skin (pure)
Austria	MAK Daily average value (mg/m ³)	221 mg/m ³ (all isomers)
Austria	MAK Daily average value (ppm)	50 ppm (all isomers)
Austria	MAK Short time value (mg/m ³)	442 mg/m ³
Austria	MAK Short time value (ppm)	100 ppm
Belgium	Limit value (mg/m ³)	221 mg/m ³
Belgium	Limit value (ppm)	50 ppm
Belgium	Short time value (mg/m ³)	442 mg/m ³
Belgium	Short time value (ppm)	100 ppm
Belgium	OEL chemical category (BE)	Skin, Skin notation pure
Bulgaria	OEL TWA (mg/m ³)	221 mg/m ³ (pure)
Bulgaria	OEL TWA (ppm)	50 ppm (pure)
Bulgaria	OEL STEL (mg/m ³)	442 mg/m ³ (pure)
Bulgaria	OEL STEL (ppm)	100 ppm (pure)
Croatia	GVI (granicna vrijednost izloženosti) (mg/m ³)	221 mg/m ³
Croatia	GVI (granicna vrijednost izloženosti) (ppm)	50 ppm
Croatia	KGVI (kratkotrajna granicna vrijednost izloženosti) (mg/m ³)	442 mg/m ³
Croatia	KGVI (kratkotrajna granicna vrijednost izloženosti) (ppm)	100 ppm
Croatia	OEL chemical category (HR)	Skin notation
Croatia	Croatia - BLV	15 mg/l Parameter: Xylene - Medium: blood - Sampling time: at the end of the work shift (alcohol before exposure to Xylene raises occurrence) 15 g/g creatinine Parameter: Methylhippuric acid - Medium: urine - Sampling time: at the end of the work shift (calculated on the average Creatinine value of 12 g/L urine)
Cyprus	OEL TWA (mg/m ³)	221 mg/m ³
Cyprus	OEL TWA (ppm)	50 ppm

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Cyprus	OEL STEL (mg/m ³)	442 mg/m ³
Cyprus	OEL STEL (ppm)	100 ppm
Cyprus	OEL chemical category (CY)	Skin-potential for cutaneous absorption
Czech Republic	Expozicní limit (PEL) (mg/m ³)	200 mg/m ³
Czech Republic	OEL chemical category (CZ)	Potential for cutaneous absorption
Czech Republic	Czech Republic - BLV	820 µmol/mmol Creatinine Parameter: Methylhippuric acid - Medium: urine - Sampling time: end of shift 1400 mg/g creatinine Parameter: Methylhippuric acid - Medium: urine - Sampling time: end of shift
Denmark	Grænseværdi (8 timer) (mg/m ³)	109 mg/m ³ (Xylene, all isomers)
Denmark	Grænseværdi (8 timer) (ppm)	25 ppm (Xylene, all isomers)
Estonia	OEL TWA (mg/m ³)	200 mg/m ³
Estonia	OEL TWA (ppm)	50 ppm
Estonia	OEL STEL (mg/m ³)	450 mg/m ³
Estonia	OEL STEL (ppm)	100 ppm
Estonia	OEL chemical category (ET)	Skin notation
Finland	HTP-arvo (8h) (mg/m ³)	220 mg/m ³
Finland	HTP-arvo (8h) (ppm)	50 ppm
Finland	HTP-arvo (15 min)	440 mg/m ³
Finland	HTP-arvo (15 min) (ppm)	100 ppm
Finland	OEL chemical category (FI)	Potential for cutaneous absorption
Finland	Finland - BLV	Parameter: Methylhippuric acid - Medium: urine - Sampling time: after the shift
France	VLE (mg/m ³)	442 mg/m ³ (restrictive limit)
France	VLE (ppm)	100 ppm (restrictive limit)
France	VME (mg/m ³)	221 mg/m ³ (restrictive limit)
France	VME (ppm)	50 ppm (restrictive limit)
France	OEL chemical category (FR)	Risk of cutaneous absorption
France	France - BLV	1500 mg/g creatinine Parameter: Methylhippuric acid - Medium: urine - Sampling time: end of shift
Germany	Occupational exposure limit value {mg/m ³ }	440 mg/m ³ (all isomers)
Germany	Occupational exposure limit value (ppm)	100 ppm (all isomers)
Germany	TRGS 903 Biological limit value	2000 mg/l Parameter: Methylhippuric (tolur-) acid (all isomers) - Medium: urine - Sampling time: end of shift (all isomers)
Germany	Chemical category	Skin notation all isomers
Gibraltar	Eight hours mg/m ³	221 mg/m ³ (pure)

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Gibraltar	Eight hours ppm	50 ppm (pure)
Gibraltar	Short-term mg/m ³	442 mg/m ³ (pure)
Gibraltar	Short-term ppm	100 ppm (pure)
Gibraltar	OEL chemical category (GI)	Skin notation pure
Greece	OEL TWA (mg/m ³)	435 mg/m ³
Greece	OEL TWA (ppm)	100 ppm
Greece	OEL STEL (mg/m ³)	650 mg/m ³
Greece	OEL STEL (ppm)	150 ppm
Greece	OEL chemical category (GR)	skin - potential for cutaneous absorption
Hungary	AK-érték	221 mg/m ³
Hungary	CK-érték	442 mg/m ³
Hungary	OEL chemical category (HU)	Potential for cutaneous absorption
Ireland	OEL (8 hours ref) (mg/m ³)	221 mg/m ³
Ireland	OEL (8 hours ref) (ppm)	50ppm
Ireland	OEL (15 min ref) (mg/m ³)	442 mg/m ³
Ireland	OEL (15 min ref) (ppm)	100 ppm
Ireland	OEL chemical category (IE)	Potential for cutaneous absorption
Italy	OEL TWA (mg/m ³)	221 mg/m ³ (pure)
Italy	OEL TWA (ppm)	50 ppm (pure)
Italy	OEL STEL (mg/m ³)	442 mg/m ³ (pure)
Italy	OEL STEL (ppm)	100 ppm (pure)
Italy	OEL chemical category (IT)	skin - potential for cutaneous absorption pure
Latvia	OEL TWA (mg/m ³)	221 mg/m ³
Latvia	OEL TWA (ppm)	50ppm
Latvia	OEL chemical category (LV)	skin - potential for cutaneous exposure
Lithuania	IPRV (mg/m ³)	221 mg/m ³ (mixed isomers, pure)
Lithuania	IPRV (ppm)	50 ppm (mixed isomers, pure)
Lithuania	TPRV (mg/m ³)	442 mg/m ³ (mixed isomers, pure)
Lithuania	TPRV (ppm)	100 ppm (mixed isomers, pure)
Lithuania	OEL chemical category (LT)	Skin notation
Luxembourg	OEL TWA (mg/m ³)	221 mg/m ³
Luxembourg	OEL TWA (ppm)	50ppm
Luxembourg	OEL STEL (mg/m ³)	442 mg/m ³
Luxembourg	OEL STEL (ppm)	100 ppm
Luxembourg	OEL chemical category (LU)	Possibility of significant uptake through the skin
Malta	OEL TWA (mg/m ³)	221 mg/m ³ (pure)
Malta	OEL TWA (ppm)	50 ppm (pure)
Malta	OEL STEL (mg/m ³)	442 mg/m ³ (pure)
Malta	OEL STEL (ppm)	100 ppm (pure)
Malta	OEL chemical category (MT)	Possibility of significant uptake through the skin pure

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Netherlands	Grenswaarde TGG 8H (mg/m ³)	210 mg/m ³
Netherlands	Grenswaarde TGG 15MIN (mg/m ³)	442 mg/m ³
Norway	Grenseverdier (AN) (mg/m ³)	108 mg/m ³
Norway	Grenseverdier (AN) (ppm)	25 ppm
Norway	Grenseverdier (Korttidsverdi) (mg/m ³)	135 mg/m ³ (value calculated)
Norway	Grenseverdier (Korttidsverdi) (ppm)	37,5 ppm (value calculated)
Norway	OEL chemical category (NO)	Skin notation
Poland	NOS (mg/m ³)	100 mg/m ³ (mixture of isomers)
Poland	NDSCh (mg/m ³)	200 mg/m ³ (mixture of isomers)
Portugal	OEL TWA (mg/m ³)	221 mg/m ³ (indicative limit value)
Portugal	OEL TWA (ppm)	50 ppm (indicative limit value)
Portugal	OEL STEL (mg/m ³)	442 mg/m ³ (indicative limit value)
Portugal	OEL STEL (ppm)	100 ppm (indicative limit value)
Portugal	OEL chemical category (PT)	A4 - Not Classifiable as a Human Carcinogen
Romania	OEL TWA (mg/m ³)	221 mg/m ³ (pure)
Remania	OEL TWA {ppm}	50 ppm (pure)
Romania	OEL STEL (mg/m ³)	442 mg/m ³ (pure)
Romania	OEL STEL (ppm)	100 ppm {pure}
Romania	OEL chemical category (RO)	Skin notation pure
Remania	Remania - BLV	3 g/l Parameter: Methylhippuric acid - Medium: urine - Sampling time: end of shift
Slovakia	NPHV (priemern6) (mg/m ³)	221 mg/m ³
Slovakia	NPHV (priemern6l) (ppm)	50ppm
Slovakia	NPHV (Hranicn6) (mg/m ³)	442 mg/m ³
Slovakia	OEL chemical category (SK)	Potential for cutaneous absorption
Slovakia	Slovakia - BLV	1,5 mg/l Parameter: Xylene - Medium: blood - Sampling time: end of exposure or work shift (all isomers) 2000 mg/l Parameter: Methylhippuric acid - Medium: urine - Sampling time: end of exposure or work shift
Slovenia	OEL TWA (mg/m ³)	221 mg/m ³
Slovenia	OEL TWA (ppm)	50ppm
Slovenia	OEL STEL (mg/m ³)	442 mg/m ³
Slovenia	OEL STEL (ppm)	100 ppm
Slovenia	OEL chemical category (SI)	Potential for cutaneous absorption
Spain	VLA-ED (mg/m ³)	221 mg/m ³ (indicative limit value)
Spain	VLA-ED (ppm)	50 ppm (indicative limit value)
Spain	VLA-EC (mg/m ³)	442 mg/m ³
Spain	VLA-EC (ppm)	100 ppm

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Spain	OEL chemical category (ES)	skin - potential for cutaneous absorption
Spain	Spain - BLV	1 g/g creatinine Parameter: Methylhippuric acids - Medium: urine - Sampling time: end of shift
Sweden	nivagr�msv�rde (NVG) (mg/m ³)	221 mg/m ³ (Xylene)
Sweden	nivagr�nsvarde (NVG) (ppm)	50 ppm (Xylene)
Sweden	kortidsvarde (KTV) (mg/m ³)	442 mg/m ³ (Xylene)
Sweden	kortidsvarde (KTV) (ppm)	100 ppm (Xylene)
Sweden	OEL chemical category (SE)	Skin notation
Switzerland	KZGW (mg/m ³)	870 mg/m ³
Switzerland	KZGW (ppm)	200 ppm
Switzerland	MAK (mg/m ³)	435 mg/m ³
Switzerland	MAK (ppm)	100 ppm
Switzerland	OEL chemical category (CH)	Skin notation
Switzerland	Switzerland - BLV	2 g/l Parameter: Methylhippuric acid - Medium: urine - Sampling time: end of shift
United Kingdom	WEL TWA (mg/m ³)	220 mg/m ³
United Kingdom	WEL TWA (ppm)	50ppm
United Kingdom	WEL STEL (mg/m ³)	441 mg/m ³
United Kingdom	WEL STEL (ppm)	100 ppm
United Kingdom	WEL chemical category	Potential for cutaneous absorption
Isopropyl alcohol (67-63-0)		
Austria	MAK Daily average value (mg/m ³)	500 mg/m ³
Austria	MAK Daily average value (ppm)	200 ppm
Austria	MAK Short time value (mg/m ³)	2000 mg/m ³ 2000 mg/m ³ (STEL for large casting valid until December 31, 2013)
Austria	MAK Short time value (ppm)	800 ppm 800 ppm (STEL for large casting valid until December 31, 2013)
Austria	OEL chemical category (AT)	Group C Carcinogen by manufacturing of strong Acid process, Group C Carcinogen by: manufacturing of strong Acid process
Belgium	Limit value (mg/m ³)	500 mg/m ³
Belgium	Limit value (ppm)	200 ppm
Belgium	Short time value (mg/m ³)	1000 mg/m ³
Belgium	Short time value (ppm)	400 ppm
Bulgaria	OEL TWA (mg/m ³)	980 mg/m ³
Bulgaria	OEL STEL (mg/m ³)	1225 mg/m ³
Croatia	GVI (granicna vrijednost	999 mg/m ³

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	izloienosti) (mg/m ³)	
Croatia	GVI (granicna vrijednost izloienosti) (ppm)	400 ppm
Croatia	KGVI (kratkotrajna granicna vrijednost izloienosti) (mg/m ³)	1250 mg/m ³
Croatia	KGVI (kratkotrajna granicna vrijednost izloienosti) (ppm)	500 ppm
Croatia	Croatia - BLV	50 mg/l Parameter: Acetone - Medium: blood - Sampling time: at the end of the work shift 50 mg/l Parameter: Acetone - Medium: urine - Sampling time: at the end of the work shift
Czech Republic	Expozicni limit (PEL) (mg/m ³)	500 mg/m ³
Czech Republic	OEL chemical category (CZ)	Potential for cutaneous absorption
Denmark	Grænseværdi (8 timer) (mg/m ³)	490 mg/m ³
Denmark	Grænseværdi (8 timer) (ppm)	200 ppm
Estonia	OEL TWA (mg/m ³)	350 mg/m ³
Estonia	OEL TWA (ppm)	150 ppm
Estonia	OEL STEL (mg/m ³)	600 mg/m ³
Estonia	OEL STEL (ppm)	250 ppm
Finland	HTP-arvo (8h) (mg/m ³)	500 mg/m ³ (Propanol)
Finland	HTP-arvo (8h) (ppm)	200 ppm (Propanol)
Finland	HTP-arvo (15 min)	620 mg/m ³
Finland	HTP-arvo (15 min) (ppm)	250 ppm
France	VLE (mg/m ³)	980 mg/m ³
France	VLE (ppm)	400 ppm
Germany	Occupational exposure limit value (mg/m ³)	500 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	Occupational exposure limit value (ppm)	200 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	TRGS 903 Biological limit value	25 mg/l Parameter: Acetone - Medium: whole blood - Sampling time: end of shift 25 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift
Greece	OEL TWA (mg/m ³)	980 mg/m ³
Greece	OEL TWA (ppm)	400 ppm
Greece	OEL STEL (mg/m ³)	1225 mg/m ³
Greece	OEL STEL (ppm)	500 ppm
Hungary	AK-érték	500 mg/m ³

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Hungary	CK-érték	2000 mg/m ³
Hungary	OEL chemical category (HU)	Potential for cutaneous absorption
Ireland	OEL (8 hours ref) (ppm)	200 ppm
Ireland	OEL (15 min ref) (ppm)	400 ppm
Ireland	OEL chemical category (IE)	Potential for cutaneous absorption
Latvia	OEL TWA (mg/m³)	350 mg/m ³
Lithuania	IPRV (mg/m ³)	350 mg/m ³
Lithuania	IPRV (ppm)	150 ppm
Lithuania	TPRV (mg/m ³)	600 mg/m ³
Lithuania	TPRV (ppm)	250 ppm
Norway	Grenseverdier (AN) (mg/m ³)	245 mg/m ³
Norway	Grenseverdier (AN) (ppm)	100 ppm
Norway	Grenseverdier (Korttidsverdi) (mg/m ³)	306,25 mg/m ³ (value calculated)
Norway	Grenseverdier (Korttidsverdi) (ppm)	125 ppm (value calculated)
Poland	NDS (mg/m ³)	900 mg/m ³
Poland	NDSch (mg/m ³)	1200 mg/m ³
Portugal	OEL TWA (ppm)	200 ppm
Portugal	OEL STEL (ppm)	400 ppm
Portugal	OEL chemical category (PT)	A4 - Not Classifiable as a Human Carcinogen
Romania	OEL TWA (mg/m ³)	200 mg/m ³
Romania	OEL TWA (ppm)	81 ppm
Romania	OEL STEL (mg/m ³)	500 mg/m ³
Romania	OEL STEL (ppm)	203 ppm
Romania	Romania - BLV	50 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift
Slovakia	NPHV (priemern6) (mg/m ³)	500 mg/m ³
Slovakia	NPHV (priemern6) (ppm)	200 ppm
Slovakia	NPHV (Hranicn6) (mg/m ³)	1000 mg/m ³
Slovenia	OEL TWA (mg/m ³)	500 mg/m ³
Slovenia	OEL TWA (ppm)	200 ppm
Slovenia	OEL STEL (mg/m ³)	1000 mg/m ³
Slovenia	OEL STEL (ppm)	400 ppm
Spain	VLA-ED (mg/m ³)	500 mg/m ³ (the partial or complete commercialization or use of this substance as a phytosanitary or biocide compound is prohibited)
Spain	VLA-ED (ppm)	200 ppm (the partial or complete commercialization or use of this substance as a phytosanitary or biocide compound is prohibited)
Spain	VLA-EC (mg/m ³)	1000 mg/m ³
Spain	VLA-EC (ppm)	400 ppm

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Spain	Spain - BLV	40 mg/I Parameter: Acetone - Medium: urine - Sampling time: end of workweek
Sweden	nivagr�msvarde (NVG) (mg/m ³)	350 mg/m ³
Sweden	nivagr�msvarde (NVG) (ppm)	150 ppm
Sweden	kortidsvarde (KTV) (mg/m ³)	600 mg/m ³
Sweden	kortidsvarde (KTV) (ppm)	250 ppm
Switzerland	KZGW (mg/m ³)	1000 mg/m ³
Switzerland	KZGW (ppm)	400 ppm
Switzerland	MAK (mg/m ³)	500 mg/m ³
Switzerland	MAK (ppm)	200 ppm
Switzerland	Switzerland - BLV	25 mg/I Parameter: Acetone - Medium: urine - Sampling time: end of shift 25 mg/I Parameter: Acetone - Medium: whole blood - Sampling time: end of shift
United Kingdom	WEL TWA (mg/m ³)	999 mg/m ³
United Kingdom	WEL TWA (ppm)	400 ppm
United Kingdom	WEL STEL (mg/m ³)	1250 mg/m ³
United Kingdom	WEL STEL (ppm)	500 ppm

8.2. Exposure Controls

Appropriate Engineering
Controls

Ensure adequate ventilation, especially in confined areas.
Ensure all national/local regulations are observed. Gas
detectors should be used when flammable gases or vapors
may be released. Proper grounding procedures to avoid static
electricity should be followed. Use explosion-proof equipment.
Emergency eye wash fountains and safety showers should be
available in the immediate vicinity of any potential exposure.
Gloves. Protective clothing. Protective goggles. Insufficient
ventilation: wear respiratory protection. Face shield.

Personal Protective Equipment



Materials for Protective Clothing

Chemically resistant materials and fabrics. Wear fire/flamm
resistant/retardant clothing. Corrosion-proof clothing.

Hand Protection

Wear protective gloves.

Eye Protection

Chemical safety goggles and face shield.

Skin and Body Protection

Wear suitable protective clothing.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced,
approved respiratory protection should be worn. In case of
inadequate ventilation, oxygen deficient atmosphere, or where
exposure levels are not known wear approved respiratory
protection.

Other Information

When using, do not eat, drink or smoke.

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SECTION 9: Physical and Chemical Hazards

9.1 Information on Basic Physical and Chemical Properties

Physical State	Liquid
Colour	Colourless
Odour	Odourless
Odour Threshold	No data available
pH	No data available
Evaporation Rate	No data available
Melting Point	No data available
Freezing Point	No data available
Boiling Point	140 oc (284 °F)
Flash Point	27 oc (81 °F)
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Flammability (Solid, Gas)	Not applicable
Vapour Pressure	No data available
Relative Vapour Density At 20 °C	No data available
Relative Density	< 1 (water = 1)
Solubility	No data available
Partition Coefficient n-Octanol/Water	No data available
Viscosity, Kinematic	No data available
Viscosity, Dynamic	No data available
Explosive Properties	No data available
Oxidising Properties	No data available
Explosive Limits	No data available

9.2 Other Information

VOC content 10 - 30 %

SECTION 10: Stability and Reactivity

10.1 Reactivity

Reacts violently with strong oxidisers. Increased risk of fire or explosion. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

10.2 Chemical Stability

Flammable liquid and vapour. May form flammable or explosive vapour-air mixture.

10.3 Possibility Of Hazardous Reactions

Hazardous polymerization will not occur.

10.4 Conditions To Avoid

Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

10.5 Incompatible Materials

Strong acids, strong bases, strong oxidizers.

10.6 Hazardous Decomposition Products

Thermal decomposition generates: Corrosive vapors. Carbon oxides (CO, CO₂). Silicon oxides. Will decompose above 150 °C (>300° F) releasing formaldehyde vapors. Formaldehyde is a potential carcinogen and can act as a potential skin and respiratory sensitizer. Formaldehyde can also cause respiratory and eye irritation.

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SECTION 11: Toxicological Information

11.1. Information On Toxicological Effects

Acute Toxicity Harmful if swallowed. (Based on available data, the classification criteria are not met)

MEDI 0-6670 Part A	
ATE CLP (oral)	500 mg/kg bodyweight
Silanetriol, ethyl-, triacetate (17689-77-9)	
LDSO Oral Rat	1460 mg/kg
LDSO Oral	1462 mg/kg
Reaction mass of ethylbenzene and xylene	
LDSO Oral Rat	3523 mg/kg
LC50 Inhalation Rat	6700 ppm/4h
ATE CLP (dermal)	1100 mg/kg bodyweight
ATE CLP (gases)	6700 ppmv/4h
ATE CLP (vapeurs)	11 mg/l/4h
Isopropyl alcohol (67-63-0)	
LD50 Oral	4384 mg/kg
LD50 Dermal Rabbit	12956 mg/kg (16.4 ml/kg bw)
LC50 Inhalation Rat	72600 mg/m ³ (Exposure time: 4 h)

Skin Corrosion/Irritation	Causes severe skin burns.
Eye Damage/Irritation	Causes serious eye damage.
Respiratory or Skin Sensitization	Not classified (Based on available data, the classification criteria are not met)
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)
Specific Target Organ Toxicity (Single Exposure)	Not classified (Based on available data, the classification criteria are not met)
Specific Target Organ Toxicity (Repeated Exposure)	May cause damage to organs through prolonged or repeated exposure.
Aspiration Hazard	May be fatal if swallowed and enters airways.

SECTION 12: Ecological Information

12.1. Toxicity

Ecology - General Not classified.

Isopropyl alcohol (67-63-0)	
LCSO Fish 1	9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
ECSO Daphnie 1	13299 mg/l (Exposure time: 48 h - Species: Daphnie magna)
EC50 Other Aquatic Organisms 1	1000 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)

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Isopropyl alcohol (67-63-0)	
LCSO Fish 2	11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
ECSO Other Aquatic Organisms 2	1000 mg/l (Exposure time: 72 h - Species: Desmodemus subspicatus)

12.2. Persistence and Degradability

MED 10-6670 Part A	
Persistence and Degradability	I Not established.

12.3. Bioaccumulative Potential

MED 10-6670 Part A	
Bioaccumulative potential	Not established.

Isopropyl alcohol (67-63-0)	
Partition coefficient n-octanol/water (Log Pow)	0,05 (at 25 °C)

12.4. Mobility in Soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other Adverse Effects

Other Information Avoid release to the environment.

SECTION 13: Disposal Considerations

13.1. Waste Treatment Methods

Product/Packaging Disposal Recommendations	Dispose of contents/container in accordance with local, regional, national, and international regulations.
Additional Information	Handle empty containers with care because residual vapours are flammable.
Ecology - Waste Materials	Avoid release to the environment.

SECTION 14: Transport Information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

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

ADR	IMDG	IATA	ADN	RID
14.1. UN Number				
2920	2920	2920	2920	2920
14.2. UN Proper Shipping Name				
CORROSIVE LIQUID, FLAMMABLE, N.O.S. (Silanetriol. ethyl-, triacetate ; Xylenes)	CORROSIVE LIQUID, FLAMMABLE, N.O.S. (Silanetriol. ethyl-, triacetate ; Xylenes)	CORROSIVE LIQUID, FLAMMABLE, N.O.S. (Silanetriol. ethyl-, triacetate ; Xylenes)	CORROSIVE LIQUID, FLAMMABLE, N.O.S. (Silanetriol. ethyl-, triacetate ; Xylenes)	CORROSIVE LIQUID, FLAMMABLE, N.O.S. (Silanetriol. ethyl-, triacetate ; Xylenes)
14.3. Transport Hazard Class(es)				
8 (3)	8 (3)	8 (3)	8 (3)	8 (3)

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ADR	IMDG	IATA	ADN	RID
14.4. Packing Group				
II	II	II	II	II
14.5. Environmental Hazards				
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

No additional information available

14.7. Transport in Bulk According to Annex II of MARPOL and The IBC Code

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

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National Regulations

No additional information available

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out

SECTION 16: Other Information

Indication of Changes

Section	Section Header	Change	Date Changed
1	Identification of the substance/mixture and of the company/undertaking	Modified	29/09/2020
2	Hazards identification	Modified	29/09/2020
3	Composition/information on ingredients	Modified	29/09/2020

Date of Preparation or Latest Revision 29/09/2020

Revision

Data Sources

Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.

Other Information

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

Full Text of H- and EUH-statements:

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Acute Tox 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Acute Tox 4 (Oral)	Acute toxicity (oral), Category 4
Asp. Tox 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE2	Specific target organ toxicity - Repeated exposure, Category 2
STOT SE3	Specific target organ toxicity - Single exposure, Category 3 Respiratory tract irritation
STOT SE3	Specific target organ toxicity - Single exposure, Category 3 Narcosis
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.

Abbreviations and Acronyms

ACGIH - American Conference of Governmental Industrial Hygienists

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

BEI - Biological Exposure Indices (BEI)

BOD - Biochemical Oxygen Demand

CAS No. - Chemical Abstracts Service Number

CLP - Classification, Labeling and Packaging Regulation (EC) No 1272/2008

COD - Chemical Oxygen Demand

EC - European Community

EC50 - Median Effective Concentration

EEC - European Economic Community

EINECS - European Inventory of Existing Commercial Chemical Substances

EmS-No. (Fire) - IMDG Emergency Schedule File

EmS-No. (Spillage) - IMDG Emergency Schedule Spillage

EU - European Union

ErC50 - EC50 in Terms of Reduction Growth Rate

GHS - Globally Harmonized System of Classification and Labeling of Chemicals

IARC - International Agency for Research on Cancer

IATA - International Air Transport Association

IBC Code - International Bulk Chemical Code

IMDG - International Maritime Dangerous Goods

IPRV - Illegitimate Poveikio Ribinis Dydis

IOELV - Indicative Occupational Exposure Limit Value

LC50 - Median Lethal Concentration

LD50 - Median Lethal Dose

LOAEL - Lowest Observed Adverse Effect Level

LOEC - Lowest-Observed-Effect Concentration

Log Koc - Soil Organic Carbon-water Partitioning Coefficient

Log Kow - Octanol/water Partition Coefficient

NDS - NaJWYszze Dopuszczalne Stezenie

NDSch - Najwysze Dopuszczalne Stezenie Chwilowe

NDSP - Najwysze Dopuszczalne Stezenie Pulapowe

NOAEL - No-Observed Adverse Effect Level

NOEC - No-Observed Effect Concentration

NRD - Nev"ylinas Ribinis Dydis

NTP - National Toxicology Program

OEL - Occupational Exposure Limits

PBT - Persistent, Bioaccumulative and Toxic

PEL - Permissible Exposure Limit

pH - Potential Hydrogen

REACH - Registration, Evaluation, Authorisation, and Restriction of Chemicals

RID - Regulations Concerning the International Carriage of Dangerous Goods by Rail

SADT - Self Accelerating Decomposition Temperature

SDS - Safety Data Sheet

SEL - Short Term Exposure Limit

STOT - Specific Target Organ Toxicity

TA-Luit - Technische Anleitung zur Reinhaltung der Luft

TEL - Technical Guidance Concentrations

ThOD - Theoretical Oxygen Demand

TLM - Median Tolerance Limit

TLV - Threshold Limit Value

TRFD - Trumpaloikio Poveikio Ribinis Dydis

TRGS 510-Technische Regel für Gefahrstoffe 510-Lagerung von Gefahrstoffen in ortsbeweglichen Behältern

TRGS 552 - Technische Regeln für Gefahrstoffe - N-N-Nosamine

TRGS 900 - Technische Regel für Gefahrstoffe 900 -Arbeitsplatzgrenzwerte

TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte

TSCA- Toxic Substances Control Act

TWA - Time Weighted Average

VOC - Volatile Organic Compounds

VLA-EC - Voller Limite Ambientol Exposición de Corto Duración

VLA-ED - Voller Limite Ambientol Exposición Diaria

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Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in a two-phase system consisting of two largely immiscible solvents, in this case octanol and water

MAK - Maximum Workplace Concentration/Maximum Permissible Concentration

MARPOL - International Convention for the Prevention of Pollution

MLE - Voleur Limite D'exposition

VME - Voleur Limite De Moyenne Exposition

vPvB - Very Persistent and Very Bioaccumulative

WEL - Workplace Exposure Limit

WGK - Wassergefährdungsklasse

Nusil EU GHS SDS

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