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

Product Identifier 1.1.

MED-1131

Safety Data Sheet

Product form **Product Name Svnonvms**

Mixture MED-1131 Adhesive Silicone

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

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

Details of the Supplier of the Safety Data Sheet 1.3.

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Revision date: 16/03/2020 Date of issue: 05/12/2014

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Emergency Telephone Number 1.4.

Emergency Number

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

SECTION 2: Hazards Identification

Classification of the Substance or Mixture 2.1.

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

Eye Irrit. 2 H319 Skin Sens. 1 H317 STOT RE 2 H373 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)

Signal Word (CLP) Hazardous Ingredients Hazard Statements (CLP)	Warning 2-Butanone, O,O',O''-(methylsilylidyne)trioxime; N-[3- (Trimethoxysilyl)propyl]-1,2-ethanediamine; Dibutyltin dilau H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.	Jrate
	H373 - May cause damage to organs (blood) through	
16/03/2020	EN (English)	1/12





Version: 4.0

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

According to Regulation (EC) No. 1907/2006 (REACH) with its a	menament Regulation (EU) 2015/830
	prolonged or repeated exposure (oral).
Precautionary Statements (CLP)	P260 - Do not breathe vapours, mist, spray
	P264 - Wash hands, forearms, exposed areas thoroughly after handling
	P272 - Contaminated work clothing should not be allowed out of the workplace.
	P280 - Wear eye protection, protective clothing, protective
	gloves
	P302+P352 - IF ON SKIN: Wash with plenty of water
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for
	several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P314 - Get medical advice/attention if you feel unwell.
	P321 - Specific treatment (see SECTION 4 on this SDS)
	P333+P313 - If skin irritation or rash occurs: Get medical
	advice/attention.
	P337+P313 - If eye irritation persists: Get medical
	advice/attention.
	P362+P364 - Take off contaminated clothing and wash it before
	reuse.
	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	Exposure may gagravate pre-existing eye, skin, or respiratory

Other Hazards Not Contributing to the Classification

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

SECTION 3: Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

J.Z. MIXIULES		·	
Name	Product Identifier	%	Classification According to Regulation (EC) No. 1272/2008 [CLP]
2-Butanone, O,O',O''- (methylsilylidyne)trioxime	(CAS-No.) 22984-54-9 (EC-No.) 245-366-4	< 15	Eye Irrit. 2, H319 Skin Sens. 1B, H317 STOT RE 2, H373
N-[3-(Trimethoxysilyl)propyl]- 1,2-ethanediamine	(CAS-No.) 1760-24-3 (EC-No.) 217-164-6	< 1	Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318 Skin Sens. 1, H317
Dibutyltin dilaurate	(CAS-No.) 77-58-7 (EC-No.) 201-039-8 (EC Index-No.) 050-030-00-3	< 0,3	Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Muta. 2, H341 Repr. 1B, H360 STOT SE 1, H370 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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	When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-Aid Measures After Skin	Remove contaminated clothing. Immediately drench affected
Contact	area with water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.
First-Aid Measures After Eye Contact	Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
First-Aid Measures After Ingestion	Do NOT induce vomiting. Rinse mouth. Obtain medical attention.
4.2. Most Important Sympto	ms and Effects Both Acute and Delayed
Symptoms/Effects	Causes serious eye irritation. Skin sensitisation. May cause damage to organs through prolonged or repeated exposure.
Symptoms/Effects After Inhalation	Prolonged exposure may cause irritation.
Symptoms/Effects After Skin Contact	May cause an allergic skin reaction.
Symptoms/Effects After Eye Contact	Redness, pain, swelling, itching, burning, tearing, and blurred vision.
Symptoms/Effects After Ingestion	Ingestion may cause adverse effects.
Chronic Symptoms	May cause damage to organs (blood) through prolonged or repeated exposure (oral).

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	Use extinguishing media appropriate for surrounding fire.
Unsuitable Extinguishing Media	Do not use a heavy water stream. Use of heavy stream of water may spread fire. Application of water stream to hot product may cause frothing and increase fire intensity.
5.2. Special Hazards Arising F	rom the Substance or Mixture
Fire Hazard	Not considered flammable but may burn at high temperatures.
Explosion Hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.
Hazardous Decomposition	Silicon oxides. Carbon oxides (CO, CO ₂). Nitrogen compounds.
Products in Case of Fire	Formaldehyde. Oxides of tin.
5.3 Advice for Firefighters	

5.3. Advice for Firefighters Precautionary Measures Fire

Exercise caution when fighting any chemical fire.

Safety Data Sheet

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

Firefighting Instructions	Use water spray or fog for cooling exposed containers. Do not
	allow run-off from fire fighting to enter drains or water sources.
Protection During Firefighting	Do not enter fire area without proper protective equipment,
	including respiratory protection.

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures 6.1.

Do not get in eyes, on skin, or on clothing. Do not breathe General Measures vapor, mist or spray.

6.1.1. For Non-Emergency Personnel

/ 1.0 Fee Free and a set Design and and	
	personnel.
Emergency Procedures	Evacuate unnecessary personnel. Evacuate unnecessary
Protective Equipment	Use appropriate personal protective equipment (PPE).

6.1.2. For Emergency Responders

Protective Equipment	Equip cleanup crew with proper protection.
Emergency Procedures	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.

Environmental Precautions 6.2.

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Methods and Materials for Containment and Cleaning Up 6.3.

For Containment Contain any spills with dikes or absorbents to prevent migration

Methods For Cleaning Up

and entry into sewers or streams. Clean up spills immediately and dispose of waste safely. Contact competent authorities after a spill. Transfer spilled material to a suitable container for disposal.

Reference to Other Sections 6.4.

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

SECTION 7: Handling And Storage

7.1. Precautions for Safe Handling

Additional Hazards When Processed	When heated, material emits irritating fumes. Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.		
Precautions for Safe Handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapours, mist, spray. Avoid contact with skin, eyes and clothing. 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			

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Technical Measures

Comply with applicable regulations.

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

Storage Conditions	Keep container closed when not in use. Keep/Store away from
	direct sunlight, extremely high or low temperatures and
	incompatible materials. Store in a dry, cool place. 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.	

SECTION 8: Exposure Controls/Personal Protection

Control Parameters 8.1.

Tin organic compound	łs	
Austria	MAK (mg/m³)	0,1 mg/m³ (except tri-n-Butyltin compounds-inhalable fraction)
Austria	MAK Short time value (mg/m³)	0,2 mg/m³ (except Tri-n-butyltin compounds-inhalable fraction)
Austria	OEL chemical category (AT)	Skin notation except Tri-n-butyltin compounds
Belgium	Limit value (mg/m³)	0,1 mg/m³
Belgium	Short time value (mg/m³)	0,2 mg/m³
Belgium	OEL chemical category (BE)	Skin
Bulgaria	OEL TWA (mg/m³)	0,1 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	0,1 mg/m³ (except Cyhexatin)
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m³)	0,2 mg/m³ (except Cyhexatin)
Czech Republic	Expoziční limity (PEL) (mg/m³)	0,1 mg/m³
Czech Republic	OEL chemical category (CZ)	Potential for cutaneous absorption
Denmark	Grænseværdie (langvarig) (mg/m³)	0,1 mg/m³ (except Tri-n-butyltin compounds)
Estonia	OEL TWA (mg/m³)	0,1 mg/m ³
Estonia	OEL STEL (mg/m³)	0,2 mg/m ³
Estonia	OEL chemical category (ET)	Skin notation
Finland	HTP-arvo (8h) (mg/m³)	0,1 mg/m³
Finland	HTP-arvo (15 min)	0,3 mg/m ³
Finland	OEL chemical category (FI)	Potential for cutaneous absorption
France	VLE (mg/m³)	0,2 mg/m ³
France	VME (mg/m³)	0,1 mg/m³
Greece	OEL TWA (mg/m³)	0,1 mg/m³
Greece	OEL STEL (mg/m³)	0,2 mg/m³
Greece	OEL chemical category (GR)	skin - potential for cutaneous absorption
Hungary	AK-érték	0,1 mg/m³
Hungary	CK-érték	0,4 mg/m³
Hungary	OEL chemical category (HU)	Potential for cutaneous absorption
Ireland	OEL (8 hours ref) (mg/m ³)	0,1 mg/m³

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

	6 (REACH) with its amendment Regulation (EU) 2015/830	
Ireland	OEL (15 min ref) (mg/m3)	0,2 mg/m ³
Lithuania	IPRV (mg/m³)	0,1 mg/m ³
Lithuania	TPRV (mg/m³)	0,2 mg/m ³
Lithuania	OEL chemical category (LT)	Skin notation
Norway	Grenseverdier (AN) (mg/m³)	0,1 mg/m³
Norway	Grenseverdier (Korttidsverdi) (mg/m3)	0,3 mg/m³ (value calculated)
Norway	OEL chemical category (NO)	Skin notation
Portugal	OEL TWA (mg/m³)	0,1 mg/m³
Portugal	OEL STEL (mg/m³)	0,2 mg/m ³
Portugal	OEL chemical category (PT)	A4 - Not Classifiable as a Human Carcinogen,skin - potential for cutaneous exposure
Romania	OEL TWA (mg/m³)	0,05 mg/m³
Romania	OEL STEL (mg/m³)	0,15 mg/m³
Slovakia	NPHV (priemerná) (mg/m³)	0,1 mg/m³
Slovakia	NPHV (Hraničná) (mg/m³)	0,2 mg/m ³
Slovakia	OEL chemical category (SK)	Potential for cutaneous absorption
Spain	VLA-ED (mg/m³)	0,1 mg/m³
Spain	VLA-EC (mg/m³)	0,2 mg/m ³
Spain	OEL chemical category (ES)	skin - potential for cutaneous absorption
Sweden	nivågränsvärde (NVG) (mg/m³)	0,1 mg/m³ (total dust)
Sweden	kortidsvärde (KTV) (mg/m³)	0,2 mg/m³ (total dust)
Sweden	OEL chemical category (SE)	Skin notation
Switzerland	KZGW (mg/m³)	0,2 mg/m³ (inhalable dust)
Switzerland	MAK (mg/m³)	0,1 mg/m³ (inhalable dust)
Switzerland	OEL chemical category (CH)	Skin notation
United Kingdom	WEL TWA (mg/m³)	0,1 mg/m³ (except Cyhexatin)
United Kingdom	WEL STEL (mg/m³)	0,2 mg/m³ (except Cyhexatin)
United Kingdom	WEL chemical category	Potential for cutaneous absorption except Cyhexatin

8.2. **Exposure Controls**

Appropriate Engineering Controls

Personal Protective Equipment

Materials for Protective Clothing Hand Protection **Eye Protection** Skin and Body Protection 16/03/2020

Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Protective goggles. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.



Chemically resistant materials and fabrics. Wear protective gloves. Chemical safety goggles. Wear suitable protective clothing. EN (English)

Safety Data Sheet

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

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.

SECTION 9: Physical and Chemical Hazards

9.1. Information on Basic Physical and Chemical Properties

Physical State Colour Odour Odour Threshold pH Evaporation Rate Melting Point Freezing Point Boiling Point Flash Point Auto-Ignition Temperature Decomposition Temperature Flammability (Solid, Gas) Vapour Pressure Relative Vapour Density At 20 °C Relative Density Solubility Partition Coefficient n-Octanol/Water Viscosity, Kinematic Viscosity, Dynamic Explosive Properties Oxidising Properties Explosive Limits 9.2 Other Information	Liquid Translucent Characteristic No data available No data available
9.2. Other Information VOC Content	< 1 %

SECTION 10: Stability and Reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility Of Hazardous Reactions

Hazardous polymerization will not occur.

10.4. Conditions To Avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible Materials

Strong acids, strong bases, strong oxidizers.

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

10.6. Hazardous Decomposition Products

Will decompose above 150 °C (> 300 °F) releasing formaldehyde vapours. Formaldehyde is a potential carcinogen and can act as a potential skin and respiratory sensitizer. Formaldehyde can also cause respiratory and eye irritation.

SECTION 11: Toxicological Information

11.1. Information On Toxicological Effects

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

,			
2-Butanone, O,O',O''-(methylsilylic	dyne)trioxime (22984-54-9)		
LD50 Oral Rat	2463 mg/kg		
LD50 Dermal Rat	> 2000 mg/kg		
N-[3-(Trimethoxysilyl)propyl]-1,2-et	hanediamine (1760-24-3)		
LD50 Oral Rat	2295 mg/kg		
LD50 Dermal Rabbit	> 2000 mg/kg		
LC50 Inhalation Rat	> 1,49 mg/l/4h		
DibutyItin dilaurate (77-58-7)			
LD50 Oral	175 mg/kg		
LD50 Dermal Rat	> 2 g/kg		
Skin Corrosion/Irritation	Not classified (Based on available data, the classification criteria are not met)		
Eye Damage/Irritation	Causes serious eye irritation.		
Respiratory or Skin Sensitization	May cause an allergic skin reaction.		
Germ Cell Mutagenicity	Not classified (Based on available data, the classification criteria are not met)		
Carcinogenicity	Not classified (Based on available data, the classification criteria are not met)		
Reproductive Toxicity	Not classified (Based on available data, the classification criteria are not met)		
Specific Target Organ Toxicity (Single Exposure) Specific Target Organ Toxicity (Repeated Exposure) Aspiration Hazard	Not classified (Based on available data, the classification criteria are not met) May cause damage to organs (blood) through prolonged or repeated exposure (oral). Not classified (Based on available data, the classification		
Aspiration Hazard	Not classified (Based on available data, the classification criteria are not met)		

SECTION 12: Ecological Information

Ecology - General	Not classified.	
2-Butanone, O,O',O''-(methylsilylidyne)trioxime (22984-54-9)		
EC50 Daphnia 1	120 mg/l (Exposure time: 48h - Species: Daphnia magna)	
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine (1760-24-3)		
LC50 Fish 1	597 mg/l (Species: Danio rerio)	
EC50 Daphnia 1	81 mg/l	
ErC50 (Algae)	8,8 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata)	
NOEC Chronic Fish	344 mg/l	
16/03/2020	EN (English)	8/12

Safety Data Sheet According to Regulation (EC) No. 1907/2006 (REACH) with its an	nendment Regulation (EU) 2015/830	
N-[3-(TrimethoxysilyI)propyI]-1,2-et	hanediamine (1760-24-3)	
NOEC Chronic Crustacea	35 mg/l	
NOEC Chronic Algae	3,1 mg/l (Pseudokirchnerella subcapitata Exposure time: 96h)	
DibutyItin dilaurate (77-58-7)		
EC50 Daphnia 1	0,463 mg/l (Daphnia magna)	
12.2. Persistence and Degrado	ability	
MED-1131		
Persistence and Degradability	Not established.	
12.3. Bioaccumulative Potentie	al	
MED-1131		
Bioaccumulative potential	Not established.	
Dibutyltin dilaurate (77-58-7)		
Log Pow	4,44	
 12.4. Mobility in Soil No additional information availab 12.5. Results of PBT and vPvB a No additional information availab 12.6. Other Adverse Effects 	ssessment	
Other Information	Avoid release to the environment.	

SECTION 13: Disposal Considerations

13.1. Waste Treatment Methods

Product/Packaging Disposal	Dispose of contents/container in accordance with local,
Recommendations	regional, national, and international regulations.
Additional Information	Container may remain hazardous when empty. Continue to
	observe all precautions.
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

In accordance with ADR / RD / IMDG / IATA	7 ADN
14.1. UN Number	
Not regulated for transport	
14.2. UN Proper Shipping Name	
Not regulated for transport	
14.3. Transport Hazard Class(Es)	
Not regulated for transport	
14.4. Packing Group	
Not regulated for transport	
14.5. Environmental Hazards	
Not regulated for transport	
14.6. Special Precautions For User	
No additional information available	

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

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	16/03/2020
Date of Pr Data Sour	reparation or Latest Revision rces	16/03/2020 Information and data obtained of this safety data sheet could subscriptions, official governm websites, product/ingredient specific information, and/or re substance specific data and GHS or their subsequent adop	d come from nent regulate manufactur esources the classificatior	n database bry body er or supplier It include ns according to
Other Info	ormation	According to Regulation (EC) its amendment Regulation (EL	No. 1907/20	

Full Text of H- and EUH-statements:

Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4	
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Muta. 2	Germ cell mutagenicity, Category 2	
Repr. 1B	Reproductive toxicity, Category 1B	
Skin Corr. 1C	Skin corrosion/irritation, Category 1C	
Skin Sens. 1	Skin sensitisation, Category 1	
Skin Sens. 1B	Skin sensitisation, category 1B	
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1	
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2	
STOT SE 1	Specific target organ toxicity — Single exposure, Category 1	
H314	Causes severe skin burns and eye damage.	
H317	May cause an allergic skin reaction.	

Safety Data Sheet

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

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H341	Suspected of causing genetic defects.
H360	May damage fertility or the unborn child.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated
	exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Abbreviations and Acronyms

ACGIH – American Conference of Governmental Industrial Hygienists NDS - Najwyzsze Dopuszczalne Stezenie ADN – European Agreement Concerning the International Carriage of Dangerous NDSCh - Najwyzsze Dopuszczalne Stezenie Chwilowe Goods by Inland Waterways NDSP - Najwyzsze Dopuszczalne Stezenie Pulapowe ADR - European Agreement Concerning the International Carriage of Dangerous NOAEL - No-Observed Adverse Effect Level Goods by Road NOEC - No-Observed Effect Concentration ATE - Acute Toxicity Estimate NRD - Nevirsytinas Ribinis Dydis BCF - Bioconcentration Factor NTP – National Toxicology Program BEI - Biological Exposure Indices (BEI) OEL - Occupational Exposure Limits BOD - Biochemical Oxygen Demand PBT - Persistent, Bioaccumulative and Toxic CAS No. - Chemical Abstracts Service Number CLP – Classification, Labeling and Packaging Regulation (EC) No 1272/2008 PEL - Permissible Exposure Limit pH - Potential Hydrogen COD - Chemical Oxygen Demand REACH – Registration, Evaluation, Authorisation, and Restriction of Chemicals EC – European Community EC50 - Median Effective Concentration RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail SADT - Self Accelerating Decomposition Temperature EEC - European Economic Community SDS - Safety Data Sheet EINECS – European Inventory of Existing Commercial Chemical Substances EmS-No. (Fire) - IMDG Emergency Schedule Fire STEL - Short Term Exposure Limit STOT - Specific Target Organ Toxicity EmS-No. (Spillage) - IMDG Emergency Schedule Spillage TA-Luft - Technische Anleitung zur Reinhaltung der Luft FU - Furopean Union TEL TRK – Technical Guidance Concentrations ErC50 - EC50 in Terms of Reduction Growth Rate ThOD – Theoretical Oxygen Demand GHS – Globally Harmonized System of Classification and Labeling of Chemicals IARC - International Agency for Research on Cancer TLM - Median Tolerance Limit TLV - Threshold Limit Value IATA - International Air Transport Association TPRD - Trumpalaikio Poveikio Ribinis Dydis IBC Code - International Bulk Chemical Code TRGS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von Gefahrstoffen in IMDG - International Maritime Dangerous Goods ortsbeweglichen Behältern IPRV - Ilgalaikio Poveikio Ribinis Dydis IOELV – Indicative Occupational Exposure Limit Value TRGS 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine TRGS 900 - Technische Regel für Gefahrstoffe 900 – Arbeitsplatzgrenzwerte . C50 - Median Lethal Concentration TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte LD50 - Median Lethal Dose TSCA - Toxic Substances Control Act LOAEL - Lowest Observed Adverse Effect Level TWA - Time Weighted Average LOEC - Lowest-Observed-Effect Concentration VOC - Volatile Organic Compounds VLA-EC - Valor Límite Ambiental Exposición de Corta Duración VLA-ED - Valor Límite Ambiental Exposición Diaria Log Koc - Soil Organic Carbon-water Partitioning Coefficient Log Kow - Octanol/water Partition Coefficient Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in a two-VLE - Valeur Limite D'exposition phase system consisting of two largely immiscible solvents, in this case octanol and VMF – Valeur Limite De Movenne Exposition vPvB - Very Persistent and Very Bioaccumulative . water MAK – Maximum Workplace Concentration/Maximum Permissible Concentration WEL – Workplace Exposure Limit MARPOL - International Convention for the Prevention of Pollution WGK - Wassergefährdungsklasse

Nusil EU GHS SDS

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