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

1.1 Product identifier

antifingerprint h

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

1.2.1 Relevant uses

Coating agent

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

n-tec GmbH
Siemensstraße 13
84051 Essenbach - Altheim / GERMANY
Phone +49 - (0)87 03 - 98 97-64
Fax +49 - (0)87 03 - 98 97-65
Homepage www.n-tec.de
E-mail info@n-tec.de

Address enquiries to

Technical information info@n-tec.de

Safety Data Sheet sdb@chemiebuero.de

1.4 Emergency telephone number

Advisory body +49 (0)89-19240 (24h) (English)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Flam. Liq. 3: H226 Flammable liquid and vapour.
Skin Corr. 1B: H314 Causes severe skin burns and eye damage.
Eye Dam. 1: H318 Causes serious eye damage.
Skin Sens. 1: H317 May cause an allergic skin reaction.
STOT SE 3: H336 May cause drowsiness or dizziness.

2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

Hazard pictograms

Signal word DANGER

Contains: Propan-2-ol

3-Aminopropyltriethoxysilane

Hazard statements
H226 Flammable liquid and vapour.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.

Precautionary statements
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe vapours.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
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 [or shower].
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 / doctor /…
P501 Dispose of contents/container in accordance with local/national regulation.

2.3 Other hazards

Human health dangers Contact with moisture liberates Methanol.

Environmental hazards Does not contain any PBT or vPvB substances.

Other hazards Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
40 - 50	Propan-2-ol
	CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, Reg-No.: 01-2119457558-25-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Eye Irrit. 2: H319 - STOT SE 3: H336
5 - 10	3-Aminopropyltriethoxysilane
	CAS: 919-30-2, EINECS/ELINCS: 213-048-4, EU-INDEX: 612-108-00-0, Reg-No.: 01-2119480479-24-XXXX
	GHS/CLP: Acute Tox. 4: H302 - Skin Corr. 1B: H314 - Skin Sens. 1: H317 - Eye Dam. 1: H318
0,1 - <1	Dioctyltin dilaurate
	CAS: 3648-18-8, EINECS/ELINCS: 222-883-3, EU-INDEX: 050-031-00-9
	GHS/CLP: STOT RE 1: H372 - Repr. 2: H361d - Aquatic Chronic 3: H412
<0,5	Methanol
	CAS: 67-56-1, EINECS/ELINCS: 200-659-6, EU-INDEX: 603-001-00-X
	GHS/CLP: Flam. Liq. 2: H225 - Acute Tox. 3: H301 H311 H331 - STOT SE 1: H370
	SCL [%]: >= 10: STOT SE 1: H370, >=3 - <10: STOT SE 2: H371

Comment on component parts SVHC (Candidate List of Substances of Very High Concern for authorisation) ≥ 0.1%
CAS 3648-18-8 - Dioctyltin dilaurate
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information
Take off contaminated clothing and wash before reuse.

Inhalation
Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

Skin contact
In case of contact with skin wash off immediately with soap and water.
Immediate medical treatment necessary, as untreated burns can result in slow-healing wounds.

Eye contact
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Shield unaffected eye.
Seek medical advice immediately.

Ingestion
Rinse out mouth and give plenty of water to drink.
Do not induce vomiting.
Consult a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Product is caustic.
Allergic reactions
Drowsiness
Dizziness

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media
Alcohol-resistant foam.
Carbon dioxide.
Dry powder.
Water spray jet.

Extinguishing media that must not be used
Full water jet

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.
Nitrogen oxides (NOx).
Carbon monoxide (CO)

5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.
Use self-contained breathing apparatus.
Wear full protective suit.

Cool containers at risk with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition.
Ensure adequate ventilation.
Use personal protective equipment.
High risk of slipping due to leakage/spillage of product.

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, universal absorbent, diatomaceous earth).
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Provide suitable vacuuming at the processing area.
Use only in well-ventilated areas.
Provide good room ventilation even at ground level (vapours are heavier than air).

Keep away from open flames, hot surfaces and sources of ignition.
Take precautionary measures against static discharges.
Keep away from all sources of ignition - Refrain from smoking.
Ignitable mixtures can be formed in the empty container.
Highly volatile, flammable components are liberated in processing.
Use explosion-proofed equipment/fittings and non-sparkling tools.

Do not eat, drink, smoke or take drugs at work.
Take off contaminated clothing and wash before reuse.
Showers and eye wash stations should be provided.
After worktime and before work breaks the affected skin areas must be thoroughly cleaned.
Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Prevent penetration into the ground.
Provide solvent-resistant and impermeable floor.
Keep only in original container.

Do not store together with oxidizing agents.
Do not store together with acids.
Do not store together with food and animal food/diet.

Keep container tightly closed.
Keep container in a well-ventilated place.
Protect from heat/overheating and from sun.
Keep in a cool place. Store in a dry place.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance
Propan-2-ol
CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, Reg-No.: 01-2119457558-25-XXXX
Long-term exposure: 400 ppm, 999 mg/m³
Short-term exposure (15-minute): 500 ppm, 1250 mg/m³
Dioctyltin dilaurate
CAS: 3648-18-8, EINECS/ELINCS: 222-883-3, EU-INDEX: 050-031-00-9
Long-term exposure: 0,1 mg/m³, as Sn, Sk
Short-term exposure (15-minute): 0,2 mg/m³
Methanol
CAS: 67-56-1, EINECS/ELINCS: 200-659-6, EU-INDEX: 603-001-00-X
Long-term exposure: 200 ppm, 266 mg/m³, Sk
Short-term exposure (15-minute): 250 ppm, 333 mg/m³

Ingredients with occupational exposure limits to be monitored (EU)

Substance / EC LIMIT VALUES
Methanol
CAS: 67-56-1, EINECS/ELINCS: 200-659-6, EU-INDEX: 603-001-00-X
Eight hours: 200 ppm, 260 mg/m³, H

DNEL

Substance
3-Aminopropyltriethoxysilane, CAS: 919-30-2
Industrial, inhalative, Long-term - systemic effects, 59 mg/kg
Industrial, inhalative, Acute - systemic effects, 59 mg/kg
Industrial, dermal, Long-term - systemic effects, 8,3 mg/kg bw/d
Industrial, dermal, Acute - systemic effects, 8,3 mg/kg bw/d
general population, dermal, Long-term - systemic effects, 5 mg/kg bw/d
general population, inhalative, Long-term - systemic effects, 17,4 mg/kg
general population, inhalative, Acute - systemic effects, 17,4 mg/kg
general population, dermal, Acute - systemic effects, 5 mg/kg bw/d
general population, oral, Acute - systemic effects, 5 mg/kg bw/d
Propan-2-ol, CAS: 67-63-0
Industrial, dermal, Long-term - systemic effects, 888 mg/kg bw/day
Industrial, inhalative (vapor), Long-term - systemic effects, 500 mg/m³
general population, oral, Long-term - systemic effects, 26 mg/kg
general population, dermal, Long-term - systemic effects, 319 mg/kg bw/day
general population, inhalative (vapor), Long-term - systemic effects, 89 mg/m³

PNEC

Substance
3-Aminopropyltriethoxysilane, CAS: 919-30-2
sediment (seawater), 0,12 mg/kg
sediment (freshwater), 1,2 mg/kg

sewage treatment plants (STP), 13 mg/l
sediment (seawater), 0,05 mg/kg
seawater, 0,033 mg/l
freshwater, 0,33 mg/l
Propan-2-ol, CAS: 67-63-0
oral (food), 160 mg/kg food
sewage treatment plants (STP), 2251 mg/l
soil, 28 mg/kg
sediment (seawater), 552 mg/kg
sediment (freshwater), 552 mg/kg
seawater, 140,9 mg/l
freshwater, 140,9 mg/l

8.2 Exposure controls

Additional advice on system design
Ensure adequate ventilation on workstation.

Eye protection
Tightly fitting goggles. (EN 166:2001)

Hand protection
0,7 mm; Butyl rubber, >480 min (EN 374-1/-2/-3).
The details concerned are recommendations. Please contact the glove supplier for further information.

Skin protection
Protective clothing (EN 340)

Other
Avoid contact with eyes and skin.
Do not inhale gases/vapours/aerosols.
Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.

Respiratory protection
If workplace limit values are exceeded or if there is insufficient ventilation:
Multi-purpose filter ABEK. (DIN EN 14387)

Thermal hazards
none

Delimitation and monitoring of the environmental exposition
Comply with applicable environmental regulations limiting discharge to air, water and soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Color	transluzent
Odor	alcoholic
Odour threshold	not required
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	82
Flash point [°C]	27
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	2 Vol.% (Propan-2-ol)
Upper explosion limit	12 Vol.% (Propan-2-ol)
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	4,2 (20°C) (Propan-2-ol)
Density [g/ml]	0,921 (20 °C / 68,0 °F)
Bulk density [kg/m³]	not applicable
Solubility in water	partially miscible
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	not determined
Kinematic viscosity	60,03 s (Ford cup)
Relative vapour density	not determined
Evaporation speed	not determined
Melting point [°C]	not determined
Auto-ignition temperature	425 (Propan-2-ol)
Decomposition temperature [°C]	not applicable
Particle characteristics	No information available.

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.
Reactions with strong acids.
Uncleaned empty vessels may contain product gases which can form explosive mixtures with air.

10.4 Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.
Electrostatic charging.
Warming

10.5 Incompatible materials

Oxidizing agent
Acids

10.6 Hazardous decomposition products

Contact with moisture liberates Methanol.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

Product
ATE-mix, oral, > 2000 mg/kg

Substance
3-Aminopropyltriethoxysilane, CAS: 919-30-2
LD50, oral, Rat (male), 2690 mg/kg (EPA)
LD50, oral, Rat (female), 1490 mg/kg (EPA)
NOAEL, oral, Rat, 200 mg/kg (90 d) (OECD TG 408)
Methanol, CAS: 67-56-1
LD50, oral, Rat, 5628 mg/kg bw (IUCLID)
LDLo, oral, Human, 143 mg/kg bw (RTECS)
Propan-2-ol, CAS: 67-63-0
LD50, oral, Rat, 4570 mg/kg

Acute dermal toxicity

Product
ATE-mix, dermal, > 2000 mg/kg

Substance
3-Aminopropyltriethoxysilane, CAS: 919-30-2
LD50, dermal, Rabbit, 4076 mg/kg (EPA)
Methanol, CAS: 67-56-1
LD50, dermal, Rabbit, 17100 mg/kg bw (Lit.)
Propan-2-ol, CAS: 67-63-0
LD50, dermal, Rabbit, 13400 mg/kg

Acute inhalational toxicity

Product
ATE-mix, inhalation (vapour), > 20 mg/l

Substance
3-Aminopropyltriethoxysilane, CAS: 919-30-2
LC50, inhalation (vapour), Rat (female), > 0,144 mg/l / 6 h OECD TG 403
Methanol, CAS: 67-56-1
LC50, inhalative, Rat, 85,26 mg/l/4h (IUCLID)
Propan-2-ol, CAS: 67-63-0
LC50, inhalative, Rat, 30 mg/l/4h

Serious eye damage/irritation

Risk of serious damage to eyes.
Based on the available information, the classification criteria are fulfilled.
Calculation method

Substance
3-Aminopropyltriethoxysilane, CAS: 919-30-2
Eye, Rabbit, OECD 405, corrosive
Propan-2-ol, CAS: 67-63-0

Eye, Rabbit, Study, irritant

Skin corrosion/irritation

Product is caustic.
Based on the available information, the classification criteria are fulfilled.
Calculation method

Substance
3-Aminopropyltriethoxysilane, CAS: 919-30-2
dermal, Rabbit, OECD 404, corrosive
Propan-2-ol, CAS: 67-63-0
dermal, Rabbit, non-irritating

Respiratory or skin sensitisation

May cause an allergic skin reaction.
Based on the available information, the classification criteria are fulfilled.
Calculation method

Substance
3-Aminopropyltriethoxysilane, CAS: 919-30-2
dermal, Guinea pig, OECD 406, sensitising

Specific target organ toxicity — single exposure

Vapours may cause drowsiness and dizziness.
Based on the available information, the classification criteria are fulfilled.
Calculation method

Substance
Propan-2-ol, CAS: 67-63-0
NOAEL, oral, Rat, 700 mg/kg bw/day, OECD 426, positive

Specific target organ toxicity — repeated exposure

Based on available data, the classification criteria are not met.

Substance
3-Aminopropyltriethoxysilane, CAS: 919-30-2
oral, Rat, OECD 408, negativ
Propan-2-ol, CAS: 67-63-0
NOAEC, inhalative, Rat, 12500 mg/m³, OECD 451, negativ

Mutagenicity

Based on the available information, the classification criteria are not fulfilled.

Substance
3-Aminopropyltriethoxysilane, CAS: 919-30-2
Ames-test, negativ

Reproduction toxicity

Based on the available information, the classification criteria are not fulfilled.

Substance
3-Aminopropyltriethoxysilane, CAS: 919-30-2
NOAEL, oral, Rat, 600 mg/kg bw/day, Study, negativ
Propan-2-ol, CAS: 67-63-0
NOAEL, oral, Rat, 853 mg/kg bw/day, OECD 415, negativ

Carcinogenicity

Based on the available information, the classification criteria are not fulfilled.

Substance
3-Aminopropyltriethoxysilane, CAS: 919-30-2
NOAEL, dermal, mouse, 209 mg/kg bw/day, Study, negativ
Propan-2-ol, CAS: 67-63-0

NOAEC, inhalative, Rat, 12290 mg/m³, OECD 451, negativ

Aspiration hazard Based on the available information, the classification criteria are not fulfilled.

General remarks

Toxicological data of complete product are not available.

SECTION 12: Ecological information

12.1 Toxicity

Substance
3-Aminopropyltriethoxysilane, CAS: 919-30-2
EC50, (72h), Scenedesmus subspicatus, > 1000 mg/l (OECD TG 201)
EC50, (48h), Daphnia magna, 331 mg/l (OECD TG 202)
LC0, (96h), Brachidanio rerio, > 934 mg/l (OECD TG 203)
NOEC, (72h), Scenedesmus subspicatus, 1,3 mg/l (OECD TG 201)
EC10, Pseudomonas putida, 13 mg/l (5,75 h) (Bringmann & Kühn)
Methanol, CAS: 67-56-1
LC50, (96h), Lepomis macrochirus, 15400 mg/l (ECOTOX Database)
EC50, (48h), Daphnia magna, > 10000 mg/l (IUCLID)
Propan-2-ol, CAS: 67-63-0
EC50, (72h), Scenedesmus subspicatus, > 1000 mg/l

12.2 Persistence and degradability

Behaviour in environment compartments not determined

Behaviour in sewage plant not determined

Biological degradability The product is not readily biodegradable.

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

Do not discharge product unmonitored into the environment or into the drainage.
Ecological data of complete product are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.
Coordinate disposal with the authorities if necessary.
Disposal in an incineration plant in accordance with the regulations of the local authorities.

Waste no. (recommended) 070104*
070604*

Contaminated packaging

Uncontaminated packaging may be taken for recycling.
Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended) 150110* packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

14.1 UN number

Transport by land according to ADR/RID	2920
Inland navigation (ADN)	2920
Marine transport in accordance with IMDG	2920
Air transport in accordance with IATA	2920

14.2 UN proper shipping name

Transport by land according to ADR/RID	Corrosive liquid, flammable, n.o.s. (3-Aminopropyltriethoxysilane, Propan-2-ol)
- Classification Code	CF1
- Label	
- ADR LQ	1 l
- ADR 1.1.3.6 (8.6)	Transport category (tunnel restriction code) 2 (D/E)
Inland navigation (ADN)	Corrosive liquid, flammable, n.o.s. (3-Aminopropyltriethoxysilane, Propan-2-ol)
- Classification Code	CF1
- Label	
Marine transport in accordance with IMDG	Corrosive liquid, flammable, n.o.s. (3-Aminopropyltriethoxysilane, Propan-2-ol)
- EMS	F-E, S-C
- Label	
- IMDG LQ	1 l
Air transport in accordance with IATA	Corrosive liquid, flammable, n.o.s. (3-Aminopropyltriethoxysilane, Propan-2-ol)
- Label	

14.3 Transport hazard class(es)

Transport by land according to ADR/RID	8 (3)
Inland navigation (ADN)	8 (3)
Marine transport in accordance with IMDG	8 (3)
Air transport in accordance with IATA	8 (3)

14.4 Packing group

Transport by land according to ADR/RID	II
Inland navigation (ADN)	II
Marine transport in accordance with IMDG	II
Air transport in accordance with IATA	II

14.5 Environmental hazards

Transport by land according to ADR/RID	no
Inland navigation (ADN)	no
Marine transport in accordance with IMDG	no
Air transport in accordance with IATA	no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

not determined

SECTION 15: Regulatory information

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

EEC-REGULATIONS	2008/98/EC 2000/532/EC); 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014
TRANSPORT-REGULATIONS	ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2021)
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits (Second edition, published December 2011).
- Observe employment restrictions for people	Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.
- VOC (2010/75/CE)	ca. 48 %

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H370 Causes damage to organs.
H301+H311+H331 Toxic if swallowed, in contact with skin or if inhaled.
H412 Harmful to aquatic life with long lasting effects.
H361d Suspected of damaging the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.
H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H314 Causes severe skin burns and eye damage.
H302 Harmful if swallowed.

H336 May cause drowsiness or dizziness.
H319 Causes serious eye irritation.
H225 Highly flammable liquid and vapour.

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform ChemicaL Information Database
IVIS = In vitro irritation score
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
LL50 = Median lethal loading
LQ = Limited Quantities
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Flam. Liq. 3: H226 Flammable liquid and vapour. (On basis of test data)
Skin Corr. 1B: H314 Causes severe skin burns and eye damage. (Calculation method)
Eye Dam. 1: H318 Causes serious eye damage. (On basis of test data)
Skin Sens. 1: H317 May cause an allergic skin reaction. (Calculation method)
STOT SE 3: H336 May cause drowsiness or dizziness. (Calculation method)

Modified position

SECTION 2 been added: The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

SECTION 8 been added: If workplace limit values are exceeded or if there is insufficient ventilation:

SECTION 12 been added: Spillages may penetrate the soil causing ground water contamination.

SECTION 12 been added: Do not discharge product unmonitored into the environment or into the drainage.

SECTION 12 been added: Ecological data of complete product are not available.

SECTION 15 been added: 1, conf. AwSV, 18.04.2017