



TANEX ALLROUND 2 X 5 L

WM 1113328

Order number: 0713328

Version 7.0

Revision Date 21.05.2021

Print Date 24.06.2022

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

1.1 Product identifier

Trade name : TANEX ALLROUND 2 X 5 L
Identification number : 61386

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

Use of the Substance/Mixture : Cleaning agent
Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

Company : Tana Chemie GmbH
Rheinallee 96
55120 Mainz
Telephone : +49613196403
Telefax : +4961319642414
E-mail address : Produktsicherheit@werner-mertz.com
Responsible/issuing person
Contact person : Product development / product safety

1.4 Emergency telephone number

112
Centru za kontrolu otrovanja u Zagrebu na tel. (01) 2348 342
+49(0)6131-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)
Not a hazardous substance or mixture.

Safety data sheet available on request.

2.3 Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Decan-1-ol.ethoxylated	26183-52-8	Eye Irrit. 2; H319	>= 2 - < 5



TANEX ALLROUND 2 X 5 L

WM 1113328

Order number: 0713328

Version 7.0

Revision Date 21.05.2021

Print Date 24.06.2022

Decanol, ethoxylated	26183-52-8 500-046-6	Eye Irrit. 2; H319 Acute Tox. 4; H302	$\geq 2 - < 5$
2-phenoxyethanol	122-99-6 204-589-7 01-2119488943-21	Acute Tox. 4; H302 Eye Irrit. 2; H319	$\geq 1 - < 2$
sodium octyl sulphate	142-31-4 205-535-5 01-2119966154-35	Skin Irrit. 2; H315 Eye Dam. 1; H318 SCL 10 - < 20 % 2; H319 $\geq 20,0$ % 1; H318	$\geq 1 - < 2$

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : No hazards which require special first aid measures.
- If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
- In case of eye contact : Protect unharmed eye.
If easy to do, remove contact lens, if worn.
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No information available.
- Risks : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1 Extinguishing media



TANEX ALLROUND 2 X 5 L

WM 1113328

Order number: 0713328

Version 7.0

Revision Date 21.05.2021

Print Date 24.06.2022

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Sweep up and shovel.
Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8., Treat recovered material as described in the section "Disposal considerations"., Refer to section 15 for specific national regulation.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8. No special handling advice required. Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas : Keep container tightly closed in a dry and well-ventilated place. Store



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WM 1113328

Order number: 0713328

Version 7.0

Revision Date 21.05.2021

Print Date 24.06.2022

and containers at room temperature in the original container.

Advice on common storage : No special restrictions on storage with other products.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Cleaning agent

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

DNEL

2-phenoxyethanol
122-99-6:

: End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 8,07 mg/m3

End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term local effects
Value: 8,07 mg/m3

End Use: Workers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 34,72 mg/kg

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 2,41 mg/m3

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long-term local effects
Value: 2,41 mg/m3

End Use: Workers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 20,83 mg/kg

End Use: Consumers
Exposure routes: Ingestion
Potential health effects: Long-term systemic effects
Value: 17,43 mg/kg

End Use: Consumers
Exposure routes: Ingestion
Potential health effects: Acute systemic effects, Short-term exposure



TANEX ALLROUND 2 X 5 L

WM 1113328

Order number: 0713328

Version 7.0

Revision Date 21.05.2021

Print Date 24.06.2022

Value: 17,43 mg/kg

End Use: Consumers
Exposure routes: Ingestion
Potential health effects: Acute systemic effects
Value: 9,23 mg/kg

End Use: Consumers
Exposure routes: Ingestion
Potential health effects: Long-term systemic effects
Value: 9,23 mg/kg

End Use: Consumers
Exposure routes: Dermal
Potential health effects: Long-term systemic effects
Value: 10,42 mg/kg

sodium octyl sulphate : End Use: Workers
142-31-4: Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 4060 mg/kg

End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 285 mg/m³

End Use: Consumers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 2440 mg/kg

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 85 mg/m³

End Use: Consumers
Exposure routes: Ingestion
Potential health effects: Long-term systemic effects
Value: 24 mg/kg

PNEC

2-phenoxyethanol : Fresh water
122-99-6: Value: 0,943 mg/l

Marine water
Value: 0,0943 mg/l

intermittent release
Value: 3,44 mg/l

STP
Value: 24,8 mg/l

Fresh water sediment
Value: 7,2366 mg/kg

Marine sediment



TANEX ALLROUND 2 X 5 L

WM 1113328

Order number: 0713328

Version 7.0

Revision Date 21.05.2021

Print Date 24.06.2022

sodium octyl sulphate
142-31-4:

Value: 0,7237 mg/kg

Soil
Value: 1,26 mg/kg

: Fresh water
Value: 0,1357 mg/l

Marine water
Value: 0,01357 mg/l

STP
Value: 1,35 mg/l

Fresh water sediment
Value: 1,5 mg/kg

Marine sediment
Value: 0,15 mg/kg

Soil
Value: 0,22 mg/kg

8.2 Exposure controls

Personal protective equipment

Eye protection : not required under normal use

Hand protection

Material : For prolonged or repeated contact use protective gloves.
It is suggested the usage of chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374-1: 2003 (0,4 mm).
As alternative, a different type of gloves might be used if, accordingly to the recommendations of the producer, guarantee the same level of protection.

not required under normal use

Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Skin and body protection : not required under normal use

Respiratory protection : not required under normal use

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties



TANEX ALLROUND 2 X 5 L

WM 1113328

Order number: 0713328

Version 7.0

Revision Date 21.05.2021

Print Date 24.06.2022

Appearance	: liquid
Colour	: blue
Odour	: characteristic
Odour Threshold	: No data available
pH	: ca. 9,1, 100 % at 20 °C
Melting point/range	: No data available
Boiling point/boiling range	: No data available
Flash point	: Not applicable
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Flammability (liquids)	: No data available
Burning rate	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: No data available
Density	: ca. 1,025 g/cm ³ at 20 °C
Water solubility	: soluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions., No dangerous reaction known under conditions of normal use.

10.2 Chemical stability



TANEX ALLROUND 2 X 5 L

WM 1113328

Order number: 0713328

Version 7.0

Revision Date 21.05.2021

Print Date 24.06.2022

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

10.4 Conditions to avoid

Conditions to avoid : No data available

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

Hazardous decomposition products : No hazardous decomposition products are known.

Other information : No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Our company is strongly against animal testing.

Our company does not place any orders for animal testing for the finished product or the ingredients.

However, as a result of EU legislation (REACH Regulation), the manufacturers of ingredients or EU importers are obliged to test ingredients with regard to their effects on human health and the environment before they are brought onto the market. Some of the tests made necessary by this took place decades ago.

Product

Acute oral toxicity : Acute toxicity estimate : > 2.000 mg/kg
Method: Calculation method

Skin corrosion/irritation : According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Serious eye damage/eye irritation : Causes serious eye irritation.

According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Respiratory or skin sensitisation : No data available

Germ cell mutagenicity : Not Rated

Carcinogenicity : Not Rated

Reproductive toxicity : Not Rated

STOT - single exposure : The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.



TANEX ALLROUND 2 X 5 L

WM 1113328

Order number: 0713328

Version 7.0

Revision Date 21.05.2021

Print Date 24.06.2022

Aspiration toxicity : Not Rated

Further information : No data available

Components:

Decanol, ethoxylated 26183-52-8:

Acute oral toxicity : LD50 Oral : > 2.000 mg/kg

2-phenoxyethanol 122-99-6:

Acute oral toxicity : LD50 Oral Rat: 1.260 mg/kg

LD50 Oral Mouse: 933 mg/kg

LD50 Oral Rat: 1.850 mg/kg

Acute toxicity estimate : 500,0 mg/kg
Method: Converted acute toxicity point estimate

LD50 Rat: 2.740 mg/kg
Method: Calculation method

Acute dermal toxicity : LD50 Dermal Rabbit: > 5.000 mg/kg

LD50 Rat: 14.422 mg/kg

Reproductive toxicity : Fertility and developmental toxicity tests did not reveal any effect on reproduction.

sodium octyl sulphate 142-31-4:

Acute oral toxicity : LD50 Oral Rat: > 2.000 mg/kg
Method: OECD Test Guideline 423

Acute dermal toxicity : LD50 Dermal Rabbit: > 2.000 mg/kg
Method: OECD Test Guideline 402

Skin corrosion/irritation : Result: Skin irritation

Serious eye damage/eye irritation : Result: Causes serious eye damage.

Repeated dose toxicity : No observed adverse effect level: Rat: 488 mg/kg

Application Route: Oral
Method: OECD Test Guideline 408



TANEX ALLROUND 2 X 5 L

WM 1113328

Order number: 0713328

Version 7.0

Revision Date 21.05.2021

Print Date 24.06.2022

Lowest observed adverse effect level: Rat: 1016 mg/kg

Application Route: Oral
Method: OECD Test Guideline 408

No observed adverse effect level: Mouse: 400 mg/kg

Application Route: Dermal
Method: OECD Test Guideline 411

SECTION 12: Ecological information

12.1 Toxicity

Components:

Decan-1-ol,ethoxylated 26183-52-8:

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 7,2 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae : EC50 (algae): 4,2 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

Decanol, ethoxylated 26183-52-8:

Toxicity to fish : LC50 : 1 - 10 mg/l
Test Type: semi-static test

Toxicity to daphnia and other aquatic invertebrates : (Daphnia magna (Water flea)): 13,5 mg/l
Test Type: Immobilization
Method: OECD Test Guideline 202

Toxicity to algae : (Desmodesmus subspicatus (green algae)): 12,0 mg/l
Test Type: Growth inhibition
Method: OECD Test Guideline 201

Toxicity to bacteria : EC0 (Bacteria): > 100 mg/l

2-phenoxyethanol 122-99-6:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 344 mg/l
Exposure time: 96 h
Test Type: flow-through test

LC50 (Leuciscus idus (Golden orfe)): 220 - 460 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 500 mg/l
Exposure time: 48 h

EC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h
Test Type: static test



TANEX ALLROUND 2 X 5 L

WM 1113328

Order number: 0713328

Version 7.0

Revision Date 21.05.2021

Print Date 24.06.2022

Toxicity to algae	: EC50 : > 500 mg/l Exposure time: 72 h EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h Test Type: static test
Toxicity to bacteria	: EC50 (Pseudomonas putida): 880 mg/l Exposure time: 17 h EC20 (activated sludge): 620 mg/l Exposure time: 30 min EC10 (Pseudomonas putida): 320 mg/l Exposure time: 17 h Method: DIN 38 412 Part 8
Toxicity to fish (Chronic toxicity)	: NOEC: 23 mg/l Exposure time: 34 d Species: Pimephales promelas (fathead minnow)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC: 9,43 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211
Toxicity to soil dwelling organisms	: LC50: 1.000 mg/kg Exposure time: 14 d Species: Eisenia fetida (earthworms)

sodium octyl sulphate 142-31-4:

Toxicity to fish	: LC50 (Brachydanio rerio (zebrafish)): > 100 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae	: EC50 : > 100 mg/l EC50 (Desmodesmus subspicatus (green algae)): > 511 mg/l Exposure time: 72 h
Toxicity to bacteria	: EC0 : > 100 mg/l
Toxicity to fish (Chronic toxicity)	: Lowest Observed Effect Concentration: > 1,357 mg/l Exposure time: 42 d Species: Pimephales promelas (fathead minnow)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC: 1,4 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211

12.2 Persistence and degradability

Product:



TANEX ALLROUND 2 X 5 L

WM 1113328

Order number: 0713328

Version 7.0

Revision Date 21.05.2021

Print Date 24.06.2022

Biodegradability : Remarks: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Components:

Decanol, ethoxylated 26183-52-8:

Biodegradability : Biodegradation: 89 %
Exposure time: 28 d
Method: OECD 301 F

2-phenoxyethanol 122-99-6:

Biodegradability : Result: Readily biodegradable.
Biodegradation: > 70 %
Exposure time: 15 d
Method: OECD 301 A

sodium octyl sulphate 142-31-4:

Biodegradability : Biodegradation: 98,2 %
Remarks: Expected to be biodegradable

12.3 Bioaccumulative potential

Components:

2-phenoxyethanol 122-99-6:

Bioaccumulation : Bioconcentration factor (BCF): 2

Partition coefficient: n-
octanol/water : log Pow: 1,2 (23 °C)
pH: 5 - 9
GLP: yes

12.4 Mobility in soil

Components:

2-phenoxyethanol 122-99-6:

Distribution among
environmental compartments : Koc: 16 - 102
Remarks: Highly mobile in soils

12.5 Results of PBT and vPvB assessment

Not relevant

12.6 Other adverse effects

Product:

Additional ecological information : There is no data available for this product.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : In accordance with local and national regulations.



TANEX ALLROUND 2 X 5 L

WM 1113328

Order number: 0713328

Version 7.0

Revision Date 21.05.2021

Print Date 24.06.2022

Contaminated packaging : Empty remaining contents.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information

14.1 UN number

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.2 Proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.4 Packing group

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.5 Environmental hazards

ADR

Not dangerous goods

IMDG

Not regulated as a dangerous good

IATA

Not dangerous goods

14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

For personal protection see section 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Restrictions on the manufacture, placing on the : Not applicable



TANEX ALLROUND 2 X 5 L

WM 1113328

Order number: 0713328

Version 7.0

Revision Date 21.05.2021

Print Date 24.06.2022

market and use of certain dangerous substances, preparations and articles (Annex XVII)

Seveso III: Directive 2012/18/EU : Not applicable

of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

TA Luft List (Germany)

- : Total dust: Not applicable
- : Inorganic substances in powdered form: Not applicable
- : Inorganic substances in vapour or gaseous form: : portionClass 3: 0,02 %
- : Organic Substances: : portionClass 1: 2 %
- : Carcinogenic substances: Not applicable
- : Mutagenic: Not applicable
- : Toxic to reproduction: Not applicable

Volatile organic compounds (VOC) content

- : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
- Update: Percent volatile: 0,02 %
- 0,25 g/l
- VOC content valid only for coating materials used on wood surfaces

Volatile organic compounds (VOC) content

- : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
- Update: Percent volatile: 0,02 %
- 1,88 g/l
- VOC content excluding water

according to Detergents Regulation EC 648/2004

- : 5 - <15% Non-ionic surfactants, <5% Anionic surfactants, soap, Perfumes

GISBAU (D)

- : GU 40

15.2 Chemical safety assessment

SECTION 16: Other information

Full text of H-Statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

Further information

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Classification procedure:

Calculation method

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; AICS -



TANEX ALLROUND 2 X 5 L

WM 1113328

Order number: 0713328

Version 7.0

Revision Date 21.05.2021

Print Date 24.06.2022

Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the 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; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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