

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



VPA-3

Version 8.0 Revision Date: 2025/10/21 SDS Number: 1328351-00046 Date of last issue: 2025/06/03
Date of first issue: 2017/02/27

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : VPA-3
SDS-Identcode : 130000001247

Manufacturer or supplier's details

Company : The Chemours Chemical (Shanghai) Co., Ltd.
Address : 9F, SCG Parkside, 868 Yinghua Road, Pudong New District
201204, Shanghai, China
Telephone : 86 400 8056 528
Emergency telephone number : 86 532 8388 9090
E-mail address : SDS.ChinaPSR@chemours.com
Telefax : 86 21 2612 0862

Recommended use of the chemical and restrictions on use

Recommended use : Processing aid
Curing chemical
Restrictions on use : For industrial use only.
Do not use or resell Chemours™ materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless agreed to by Seller in a written agreement covering such use. For further information, please contact your Chemours representative.

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance : powder
Colour : beige
Odour : musty

May be harmful if swallowed. May damage fertility. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure.

GHS Classification

Acute toxicity (Oral) : Category 5
Reproductive toxicity : Category 1B
Specific target organ toxicity - : Category 2

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



VPA-3

Version 8.0 Revision Date: 2025/10/21 SDS Number: 1328351-00046 Date of last issue: 2025/06/03
Date of first issue: 2017/02/27

repeated exposure

GHS label elements

Hazard pictograms :

Signal word : Danger

Hazard statements : H303 May be harmful if swallowed.
H360FD May damage fertility. May damage the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements : **Prevention:**
P203 Obtain, read and follow all safety instructions before use.
P260 Do not breathe dust.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.
Response:
P301 + P317 IF SWALLOWED: Get medical help.
P318 IF exposed or concerned, get medical advice.
Storage:
P405 Store locked up.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Physical and chemical hazards

Not classified based on available information.

Health hazards

May be harmful if swallowed. May damage fertility. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure.

Environmental hazards

Not classified based on available information.

Other hazards which do not result in classification

Dust contact with the eyes can lead to mechanical irritation.
Contact with dust can cause mechanical irritation or drying of the skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



VPA-3

Version 8.0 Revision Date: 2025/10/21 SDS Number: 1328351-00046 Date of last issue: 2025/06/03
Date of first issue: 2017/02/27

Chemical name	CAS-No.	Concentration (% w/w)
Tetrahydrothiophene-1,1-dioxide	126-33-0	>= 70 -< 90

4. FIRST AID MEASURES

- General advice : In the case of accident or if you feel unwell, seek medical advice immediately.
When symptoms persist or in all cases of doubt seek medical advice.
- If inhaled : If inhaled, remove to fresh air.
Get medical attention.
- In case of skin contact : In case of contact, immediately flush skin with soap and plenty of water.
Remove contaminated clothing and shoes.
Get medical attention.
Wash clothing before reuse.
Thoroughly clean shoes before reuse.
- In case of eye contact : If in eyes, rinse well with water.
Get medical attention if irritation develops and persists.
- If swallowed : If swallowed, DO NOT induce vomiting.
Get medical attention.
Rinse mouth thoroughly with water.
- Most important symptoms and effects, both acute and delayed : May be harmful if swallowed.
May damage fertility. May damage the unborn child.
May cause damage to organs through prolonged or repeated exposure.
Contact with dust can cause mechanical irritation or drying of the skin.
Dust contact with the eyes can lead to mechanical irritation.
- Protection of first-aiders : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).
- Notes to physician : Treat symptomatically and supportively.

5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray
Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical
- Unsuitable extinguishing media : None known.



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



VPA-3

Version	Revision Date:	SDS Number:	Date of last issue: 2025/06/03
8.0	2025/10/21	1328351-00046	Date of first issue: 2017/02/27

- Specific hazards during fire-fighting : Exposure to combustion products may be a hazard to health.
- Hazardous combustion products : Carbon oxides
Sulphur oxides
Silicon oxides
Metal oxides
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers.
Remove undamaged containers from fire area if it is safe to do so.
Evacuate area.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).
- Environmental precautions : Avoid release to the environment.
Prevent further leakage or spillage if safe to do so.
Retain and dispose of contaminated wash water.
Local authorities should be advised if significant spillages cannot be contained.
- Methods and materials for containment and cleaning up : Sweep up or vacuum up spillage and collect in suitable container for disposal.
Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

7. HANDLING AND STORAGE

Handling

- Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



VPA-3

Version	Revision Date:	SDS Number:	Date of last issue: 2025/06/03
8.0	2025/10/21	1328351-00046	Date of first issue: 2017/02/27

- Local/Total ventilation : If sufficient ventilation is unavailable, use with local exhaust ventilation.
- Advice on safe handling : Do not get on skin or clothing.
Do not breathe dust.
Do not swallow.
Avoid contact with eyes.
Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment
Keep container tightly closed.
Minimize dust generation and accumulation.
Keep container closed when not in use.
Take care to prevent spills, waste and minimize release to the environment.
- Avoidance of contact : Oxidizing agents

Storage

- Conditions for safe storage : Keep in properly labelled containers.
Store locked up.
Keep tightly closed.
Store in accordance with the particular national regulations.
- Materials to avoid : Do not store with the following product types:
Strong oxidizing agents
- Packaging material : Unsuitable material: None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

- Engineering measures : Minimize workplace exposure concentrations.
Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).
If sufficient ventilation is unavailable, use with local exhaust ventilation.

Personal protective equipment

- Respiratory protection : If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.
- Filter type : Combined particulates and organic vapour type
- Eye/face protection : Wear the following personal protective equipment:



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



VPA-3

Version	Revision Date:	SDS Number:	Date of last issue: 2025/06/03
8.0	2025/10/21	1328351-00046	Date of first issue: 2017/02/27

- Safety goggles
- Skin and body protection : Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.
Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).
- Hand protection
- Material : Nitrile rubber
- Glove thickness : 0.38 mm
- Wearing time : 480 min
- Remarks : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday. Breakthrough time is not determined for the product. Change gloves often!
- Hygiene measures : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place.
When using do not eat, drink or smoke.
Wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : powder
- Colour : beige
- Odour : musty
- Odour Threshold : No data available
- pH : No data available
- Melting point/freezing point : No data available
- Initial boiling point and boiling range : No data available
- Flash point : Not applicable



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



VPA-3

Version	Revision Date:	SDS Number:	Date of last issue: 2025/06/03
8.0	2025/10/21	1328351-00046	Date of first issue: 2017/02/27

Evaporation rate : Not applicable

Flammability (solid, gas) : Not classified as a flammability hazard, Not expected to form explosive dust-air mixtures.

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapour pressure : Not applicable

Relative vapour density : Not applicable

Density : 1.43 g/cm³

Solubility(ies)
Water solubility : insoluble

Partition coefficient: n-octanol/water : Not applicable

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity
Viscosity, kinematic : Not applicable

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

Particle characteristics
Particle size : No data available

10. STABILITY AND REACTIVITY

Reactivity : Not classified as a reactivity hazard.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Can react with strong oxidizing agents.

Conditions to avoid : None known.

Incompatible materials : Oxidizing agents

Hazardous decomposition : No hazardous decomposition products are known.



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



VPA-3

Version 8.0 Revision Date: 2025/10/21 SDS Number: 1328351-00046 Date of last issue: 2025/06/03
Date of first issue: 2017/02/27

products

11. TOXICOLOGICAL INFORMATION

Exposure routes : Inhalation
Skin contact
Ingestion
Eye contact

Acute toxicity

|| May be harmful if swallowed.

Product:

Acute oral toxicity : Acute toxicity estimate: 2,670 mg/kg
Method: Calculation method

Components:

Tetrahydrothiophene-1,1-dioxide:

Acute oral toxicity : LD50 (Rat): 2,000 mg/kg
Method: OECD Test Guideline 401
Remarks: The test was conducted according to guideline

Acute inhalation toxicity : LC50 (Rat): > 12 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg
Method: Directive 67/548/EEC, Annex V, B.3.
Assessment: The substance or mixture has no acute dermal toxicity
Remarks: The test was conducted according to guideline

Skin corrosion/irritation

|| Not classified based on available information.

Components:

Tetrahydrothiophene-1,1-dioxide:

Species : Rabbit
Result : No skin irritation

Serious eye damage/eye irritation

|| Not classified based on available information.

Components:

Tetrahydrothiophene-1,1-dioxide:

Species : Rabbit
Result : No eye irritation



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



VPA-3

Version 8.0 Revision Date: 2025/10/21 SDS Number: 1328351-00046 Date of last issue: 2025/06/03
Date of first issue: 2017/02/27

Respiratory or skin sensitisation

Skin sensitisation

|| Not classified based on available information.

Respiratory sensitisation

|| Not classified based on available information.

Components:

Tetrahydrothiophene-1,1-dioxide:

|| Test Type : Freund's complete adjuvant test
|| Exposure routes : Skin contact
|| Species : Guinea pig
|| Method : Regulation (EC) No. 440/2008, Annex, B.6
|| Result : negative
|| Remarks : The test was conducted according to guideline

Germ cell mutagenicity

|| Not classified based on available information.

Components:

Tetrahydrothiophene-1,1-dioxide:

|| Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)
|| Method: OECD Test Guideline 471
|| Result: negative
|| Remarks: The test was conducted according to guideline

|| Test Type: In vitro mammalian cell gene mutation test
|| Method: OECD Test Guideline 476
|| Result: negative
|| Remarks: The test was conducted equivalent or similar to guideline

|| Test Type: Chromosome aberration test in vitro
|| Result: negative

Carcinogenicity

|| Not classified based on available information.

Reproductive toxicity

|| May damage fertility. May damage the unborn child.

Components:

Tetrahydrothiophene-1,1-dioxide:

|| Effects on fertility : Test Type: Extended one-generation reproduction toxicity study
|| Species: Rat
|| Application Route: Ingestion
|| Method: OECD Test Guideline 443
|| Result: positive
|| Remarks: The test was conducted according to guideline



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



VPA-3

Version 8.0 Revision Date: 2025/10/21 SDS Number: 1328351-00046 Date of last issue: 2025/06/03
Date of first issue: 2017/02/27

Effects on foetal development : Test Type: Embryo-foetal development
Species: Rat
Application Route: Ingestion
Method: OECD Test Guideline 414
Result: positive
Remarks: The test was conducted according to guideline

Reproductive toxicity - Assessment : Clear evidence of adverse effects on development, based on animal experiments., Clear evidence of adverse effects on sexual function and fertility, based on animal experiments.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Components:

Tetrahydrothiophene-1,1-dioxide:

Exposure routes : Ingestion
Target Organs : Blood
Assessment : Shown to produce significant health effects in animals at concentrations of >10 to 100 mg/kg bw.

Repeated dose toxicity

Components:

Tetrahydrothiophene-1,1-dioxide:

Species : Rat, female
NOAEL : 2.9 mg/kg
LOAEL : 10.6 mg/kg
Application Route : Ingestion
Exposure time : 90 Days
Method : OECD Test Guideline 408
Remarks : The test was conducted according to guideline

Species : Guinea pig
NOAEL : 0.159 mg/l
LOAEL : 0.2 mg/l
Application Route : inhalation (dust/mist/fume)
Exposure time : 90 - 110 Days

Aspiration toxicity

Not classified based on available information.



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



VPA-3

Version 8.0 Revision Date: 2025/10/21 SDS Number: 1328351-00046 Date of last issue: 2025/06/03
Date of first issue: 2017/02/27

12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Tetrahydrothiophene-1,1-dioxide:

Toxicity to fish : LC50 (Oryzias latipes (Orange-red killifish)): > 100 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
Remarks: The test was conducted according to guideline

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 852 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
Remarks: The test was conducted according to guideline

Toxicity to algae/aquatic plants : ErC50 (Raphidocelis subcapitata (freshwater green alga)): 500 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
Remarks: The test was conducted according to guideline

NOEC (Raphidocelis subcapitata (freshwater green alga)): 171 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
Remarks: The test was conducted according to guideline

Persistence and degradability

Components:

Tetrahydrothiophene-1,1-dioxide:

Biodegradability : Result: Not readily biodegradable.
Biodegradation: 10.1 %
Exposure time: 14 d
Method: OECD Test Guideline 301C
Remarks: The test was conducted according to guideline

Bioaccumulative potential

Components:

Tetrahydrothiophene-1,1-dioxide:

Bioaccumulation : Species: Cyprinus carpio (Carp)
Bioconcentration factor (BCF): < 13

Partition coefficient: n-octanol/water : log Pow: < 0
Method: OECD Test Guideline 117
Remarks: The test was conducted according to guideline



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



VPA-3

Version	Revision Date:	SDS Number:	Date of last issue: 2025/06/03
8.0	2025/10/21	1328351-00046	Date of first issue: 2017/02/27

Mobility in soil

No data available

Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods

- Waste from residues : Do not dispose of waste into sewer.
Dispose of in accordance with local regulations.
- Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.
If not otherwise specified: Dispose of as unused product.

14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

- UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Environmentally hazardous : no

IATA-DGR

Not regulated as a dangerous good

- UN/ID No. : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Packing instruction (cargo aircraft) : Not applicable
Packing instruction (passenger aircraft) : Not applicable

IMDG-Code

Not regulated as a dangerous good

- UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
EmS Code : Not applicable

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



VPA-3

Version	Revision Date:	SDS Number:	Date of last issue:
8.0	2025/10/21	1328351-00046	2025/06/03
			Date of first issue: 2017/02/27

Marine pollutant : no

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

Not applicable for product as supplied.

National Regulations

GB 6944/12268

Not regulated as a dangerous good

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Marine pollutant : no

Special precautions for user

Not applicable

15. REGULATORY INFORMATION

National regulatory information

Regulations on Safety Management of Hazardous Chemicals

Catalogue of Hazardous Chemicals : This product is not listed in the catalogue of hazardous chemicals, but it meets the definition of hazardous chemicals and its principles of determination.

Identification of Major Hazard Installations for Hazardous Chemicals (GB 18218) : Not listed

Hazardous Chemicals for Priority Management under SAWS : Not listed

Catalogue of Specially Controlled Hazardous Chemicals : Not listed

List of Explosive Precursors : Not listed

Regulations on Labour Protection in Workplaces where Toxic Substances are Used

Catalogue of Highly Toxic Chemicals : Not listed

Regulation of Environmental Management on the First Import of Chemicals and the Import and Export of Toxic Chemicals

China Severely Restricted Toxic Chemicals for Import and Export : Not listed

Regulation on the Administration of Precursor Chemicals

Catalogue and Classification of Precursor Chemicals : Not listed



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



VPA-3

Version	Revision Date:	SDS Number:	Date of last issue: 2025/06/03
8.0	2025/10/21	1328351-00046	Date of first issue: 2017/02/27

Yangtze River Protection Law

This product does not contain any dangerous chemicals prohibited for inland river transport.

Regulations of Ozone Depleting Substances Management

List of Controlled Ozone Depleting Substances Import and Export : Not listed
List of Controlled Ozone Depleting Substances : Not listed

Environmental Protection Law

List of Priority Controlled Chemicals : Not listed
List of Key Controlled New Pollutants : Not listed
List of Toxic and Hazardous Water Pollutants : Not listed
List of Toxic and Hazardous Air Pollutants : Not listed
List of Toxic and Hazardous Soil Pollutants : Not listed

Measures for the Administration of Non-Medical Use of Narcotic Drugs and Psychotropic Substances

Catalogue of Controlled Narcotic Drugs and Psychotropic Substances with Non-Medical Use : Not listed

Measures for the Administration on Import and Export Licenses for Dual-Use Items and Technologies

Catalogue for Dual-Use Items and Technologies : Not listed

16. OTHER INFORMATION

Revision Date : 2025/10/21

Other information : Chemours™ and the Chemours Logo are trademarks of The Chemours Company.
Before use read Chemours safety information.
For further information contact the local Chemours office or nominated distributors.

Further information

Sources of key data used to compile the Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

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

Date format : yyyy/mm/dd

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



VPA-3

Version	Revision Date:	SDS Number:	Date of last issue: 2025/06/03
8.0	2025/10/21	1328351-00046	Date of first issue: 2017/02/27

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); 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; ERG - Emergency Response Guide; GHS - Globally Harmonised 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 Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; 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; MERCOSUR - The Agreement for the Facilitation of the Transport of Dangerous Goods; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation 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; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Disclaimer

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 is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

CN / EN

