

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version 7.0 Revision Date: 2025/08/22 SDS Number: 5404062-00012 Date of last issue: 2025/06/18
Date of first issue: 2020/02/10

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Vazo™ 44 WSP Free Radical Source
SDS-Identcode : 130000000174

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 : Intermediate
Restrictions on use : For industrial use only.

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance : powder
Colour : white, light yellow
Odour : No data available

May be harmful if swallowed. Causes serious eye irritation. Harmful to aquatic life. Toxic to aquatic life with long lasting effects.

GHS Classification

Acute toxicity (Oral) : Category 5
Serious eye damage/eye irritation : Category 2A
Short-term (acute) aquatic hazard : Category 3
Long-term (chronic) aquatic hazard : Category 2



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version 7.0 Revision Date: 2025/08/22 SDS Number: 5404062-00012 Date of last issue: 2025/06/18
Date of first issue: 2020/02/10

GHS label elements

Hazard pictograms	:	
Signal word	:	Warning
Hazard statements	:	H303 May be harmful if swallowed. H319 Causes serious eye irritation. H402 Harmful to aquatic life. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	:	Prevention: P264 Wash skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear eye protection/ face protection. Response: P301 + P337 + P317 IF SWALLOWED or if eye irritation persists: Get medical help. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P391 Collect spillage. 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. Causes serious eye irritation.

Environmental hazards

Harmful to aquatic life. Toxic to aquatic life with long lasting effects.

Other hazards which do not result in classification

Risk of explosion if heated under confinement.
Contact with dust can cause mechanical irritation or drying of the skin.
May form combustible dust concentrations in air.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance
Substance name : 2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-imidazole]



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version 7.0 Revision Date: 2025/08/22 SDS Number: 5404062-00012 Date of last issue: 2025/06/18
Date of first issue: 2020/02/10

dihydrochloride

CAS-No. : 27776-21-2

Components

Chemical name	CAS-No.	Concentration (% w/w)
2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-imidazole dihydrochloride	27776-21-2	>= 90 -<= 100

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 if symptoms occur.
- In case of skin contact : Wash with water and soap.
Get medical attention if symptoms occur.
- In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
If easy to do, remove contact lens, if worn.
Get medical attention.
- If swallowed : If swallowed, DO NOT induce vomiting.
Get medical attention if symptoms occur.
Rinse mouth thoroughly with water.
- Most important symptoms and effects, both acute and delayed : Contact with dust can cause mechanical irritation or drying of the skin.
May be harmful if swallowed.
Causes serious eye 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
- Unsuitable extinguishing media : High volume water jet



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version	Revision Date:	SDS Number:	Date of last issue: 2025/06/18
7.0	2025/08/22	5404062-00012	Date of first issue: 2020/02/10

- Specific hazards during fire-fighting : Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
Do not use a solid water stream as it may scatter and spread fire.
Exposure to combustion products may be a hazard to health.
- Hazardous combustion products : Carbon oxides
Chlorine compounds
Nitrogen oxides (NOx)
- 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 and shovel into suitable containers for disposal.
Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).
Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.
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.



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version	Revision Date:	SDS Number:	Date of last issue:
7.0	2025/08/22	5404062-00012	2025/06/18
			Date of first issue: 2020/02/10

7. HANDLING AND STORAGE

Handling

- Technical measures : Static electricity may accumulate and ignite suspended dust causing an explosion.
Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.
- Local/Total ventilation : Use only with adequate ventilation.
- Advice on safe handling : Do not breathe dust.
Do not swallow.
Do not get in eyes.
Avoid prolonged or repeated contact with skin.
Wash skin thoroughly after handling.
Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment
Prevent pressure build-up
Minimize dust generation and accumulation.
Keep container closed when not in use.
Keep away from heat and sources of ignition.
Take precautionary measures against static discharges.
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 in accordance with the particular national regulations.
- Materials to avoid : Do not store with the following product types:
Strong oxidizing agents
- Recommended storage temperature : < 25 °C
- Bulk storage mass : 30 kg
- Further information on storage stability : Keep away from direct sunlight.
- Packaging material : Unsuitable material: None known.



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version	Revision Date:	SDS Number:	Date of last issue: 2025/06/18
7.0	2025/08/22	5404062-00012	Date of first issue: 2020/02/10

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures : Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations. Apply measures to prevent dust explosions. 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).

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 : Particulates type

Eye/face protection : Wear the following personal protective equipment: 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 : Chemical-resistant gloves

Remarks : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. Breakthrough time is not determined for the product. Change gloves often! 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.

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.



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version	Revision Date:	SDS Number:	Date of last issue: 2025/06/18
7.0	2025/08/22	5404062-00012	Date of first issue: 2020/02/10

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	powder
Colour	:	white, light yellow
Odour	:	No data available
Odour Threshold	:	No data available
pH	:	5.5 - 6.5
Melting point/freezing point	:	188 - 193 °C Do not attempt to verify melting point; decomposition can be violent.
Initial boiling point and boiling range	:	No data available
Flash point	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	May form combustible dust concentrations in air.
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
Relative density	:	No data available
Solubility(ies) Water solubility	:	soluble
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version 7.0 Revision Date: 2025/08/22 SDS Number: 5404062-00012 Date of last issue: 2025/06/18
Date of first issue: 2020/02/10

Self-Accelerating decomposition temperature (SADT) : > 75 °C

Viscosity
Viscosity, kinematic : Not applicable

Explosive properties : Not explosive

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

Self-heating substances : The substance or mixture is not classified as self heating.

Particle characteristics
Particle size : No data available

10. STABILITY AND REACTIVITY

Reactivity : Not classified as a reactivity hazard.

Chemical stability : Follow precautionary advice and avoid incompatible materials and conditions

Possibility of hazardous reactions : May form combustible dust concentrations in air.
Can react with strong oxidizing agents.
May explode under confinement.

Conditions to avoid : Heat, flames and sparks.
Avoid dust formation.

Incompatible materials : Oxidizing agents

Hazardous decomposition products : No hazardous decomposition products are known.

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: 2,887 mg/kg
Method: Calculation method



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version 7.0 Revision Date: 2025/08/22 SDS Number: 5404062-00012 Date of last issue: 2025/06/18
Date of first issue: 2020/02/10

Components:

2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-imidazole dihydrochloride:

Acute oral toxicity : LD50 (Rat, female): 2,800 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat, female): > 5.1 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403

Skin corrosion/irritation

|| Not classified based on available information.

Components:

2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-imidazole dihydrochloride:

Species : Rabbit
Result : No skin irritation

Serious eye damage/eye irritation

|| Causes serious eye irritation.

Components:

2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-imidazole dihydrochloride:

Species : Tissue Culture
Method : OECD Test Guideline 492

Species : Bovine cornea
Method : OECD Test Guideline 437

|| Result : Irritation to eyes, reversing within 21 days

Respiratory or skin sensitisation

Skin sensitisation

|| Not classified based on available information.

Respiratory sensitisation

|| Not classified based on available information.

Components:

2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-imidazole dihydrochloride:

Test Type : Local lymph node assay (LLNA)
Exposure routes : Skin contact
Species : Mouse
Method : OECD Test Guideline 429
Result : negative



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version 7.0 Revision Date: 2025/08/22 SDS Number: 5404062-00012 Date of last issue: 2025/06/18
Date of first issue: 2020/02/10

Germ cell mutagenicity

|| Not classified based on available information.

Components:

2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-imidazole dihydrochloride:

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)
Result: positive

Test Type: In vitro mammalian cell gene mutation test
Method: OECD Test Guideline 476
Result: positive

Test Type: in vitro micronucleus test
Method: OECD Test Guideline 487
Result: positive

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)
Species: Rat
Application Route: Ingestion
Method: OECD Test Guideline 474
Result: negative

Carcinogenicity

|| Not classified based on available information.

Reproductive toxicity

|| Not classified based on available information.

Components:

2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-imidazole dihydrochloride:

Effects on fertility : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test
Species: Rat
Application Route: Ingestion
Method: OECD Test Guideline 422
Result: negative

Effects on foetal development : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test
Species: Rat
Application Route: Ingestion
Method: OECD Test Guideline 422
Result: negative

STOT - single exposure

|| Not classified based on available information.



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version 7.0 Revision Date: 2025/08/22 SDS Number: 5404062-00012 Date of last issue: 2025/06/18
Date of first issue: 2020/02/10

STOT - repeated exposure

|| Not classified based on available information.

Repeated dose toxicity

Components:

2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-imidazole dihydrochloride:

Species : Rat
NOAEL : $\geq 1,000$ mg/kg
Application Route : Ingestion
Exposure time : 30 - 63 Days
Method : OECD Test Guideline 422

Aspiration toxicity

|| Not classified based on available information.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-imidazole dihydrochloride:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 87.1 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : EC10 (Pseudokirchneriella subcapitata (green algae)): < 0.762 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

ErC50 (Pseudokirchneriella subcapitata (green algae)): 13.5 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

Toxicity to microorganisms : EC10: 410 mg/l
Exposure time: 3 h
Method: OECD Test Guideline 209

Persistence and degradability

Components:

2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-imidazole dihydrochloride:



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version 7.0 Revision Date: 2025/08/22 SDS Number: 5404062-00012 Date of last issue: 2025/06/18
Date of first issue: 2020/02/10

Biodegradability : Result: Not readily biodegradable.
Biodegradation: 20 - 30 %
Exposure time: 28 d
Method: OECD Test Guideline 301B

Bioaccumulative potential

Components:

2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-imidazole dihydrochloride:

Partition coefficient: n-octanol/water : log Pow: < 4

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

UN number : UN 3077
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-imidazole dihydrochloride])

Class : 9
Packing group : III
Labels : 9
Environmentally hazardous : yes

IATA-DGR

UN/ID No. : UN 3077
Proper shipping name : Environmentally hazardous substance, solid, n.o.s.
(2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version 7.0 Revision Date: 2025/08/22 SDS Number: 5404062-00012 Date of last issue: 2025/06/18
Date of first issue: 2020/02/10

Class	:	imidazole dihydrochloride)
Packing group	:	9
Labels	:	III
Packing instruction (cargo aircraft)	:	Miscellaneous
Packing instruction (passenger aircraft)	:	956
Environmentally hazardous	:	yes
IMDG-Code		
UN number	:	UN 3077
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-imidazole dihydrochloride)
Class	:	9
Packing group	:	III
Labels	:	9
EmS Code	:	F-A, S-F
Marine pollutant	:	yes

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

UN number : UN 3077
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(2,2'-[Azobis(1-methylethylidene)]bis[4,5-dihydro-1H-imidazole dihydrochloride)

Class	:	9
Packing group	:	III
Labels	:	9
Marine pollutant	:	yes

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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 de-



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version	Revision Date:	SDS Number:	Date of last issue: 2025/06/18
7.0	2025/08/22	5404062-00012	Date of first issue: 2020/02/10

termination.

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

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

16. OTHER INFORMATION

Revision Date : 2025/08/22

Other information : Vazo™ and any associated logos are trademarks or copyrights of The Chemours Company FC, LLC. 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



SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version	Revision Date:	SDS Number:	Date of last issue:
7.0	2025/08/22	5404062-00012	2025/06/18
			Date of first issue: 2020/02/10

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

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 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; 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 - 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; 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

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



Vazo™ 44 WSP Free Radical Source

Version	Revision Date:	SDS Number:	Date of last issue: 2025/06/18
7.0	2025/08/22	5404062-00012	Date of first issue: 2020/02/10

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

