

CASPER

Version	Revision Date:	SDS Number:	Date of last issue: 09.08.2021
3.1	31.07.2025	S1168979212	Date of first issue: 09.08.2021

SECTION 1: IDENTIFICATION

Product name : CASPER

Design code : A14031E

Manufacturer or supplier's detailsCompany : Syngenta Australia Pty Ltd (ABN 33 002 933 717)
www.syngenta.com.auAddress : 2 Lyonpark Road
Macquarie Park NSW 2113
Australia

Telephone : (02) 8014 5200

Emergency telephone number : 13 11 26 (Poison Information Centre)
1800 033 111 (Syngenta)

Telefax : (02) 8876 8446

Recommended use of the chemical and restrictions on use

Recommended use : Herbicide

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards which do not result in classification

May form combustible dust concentrations in air.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
sodium 3,6-dichloro-o-anisate	1982-69-0	>= 30 -< 60
silica	61790-53-2	>= 10 -< 30
prosulfuron (ISO)	94125-34-5	< 10

CASPER

Version 3.1	Revision Date: 31.07.2025	SDS Number: S1168979212	Date of last issue: 09.08.2021 Date of first issue: 09.08.2021
----------------	------------------------------	----------------------------	---

SECTION 4. FIRST AID MEASURES

General advice	:	Have the product container, label or Safety Data Sheet with you when calling the emergency number, a poison control center or physician, or going for treatment.
If inhaled	:	Move the victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Keep patient warm and at rest. Call a physician or poison control centre immediately.
In case of skin contact	:	Take off all contaminated clothing immediately. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.
In case of eye contact	:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required.
If swallowed	:	If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed	:	Nonspecific No symptoms known or expected.
Notes to physician	:	There is no specific antidote available. Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Extinguishing media - small fires Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Extinguishing media - large fires Alcohol-resistant foam or Water spray
Unsuitable extinguishing media	:	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards during fire-fighting	:	Fire will spread by smouldering or slow decomposition. As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health.
Hazardous combustion products	:	Carbon oxides Nitrogen oxides (NOx) Fluorine compounds Sulphur oxides Chlorine compounds

CASPER

Version 3.1	Revision Date: 31.07.2025	SDS Number: S1168979212	Date of last issue: 09.08.2021 Date of first issue: 09.08.2021
----------------	------------------------------	----------------------------	---

Specific extinguishing methods : Do not allow run-off from fire fighting to enter drains or water courses.
Cool closed containers exposed to fire with water spray.

Special protective equipment for firefighters : Wear full protective clothing and self-contained breathing apparatus.

Hazchem Code : 2Z

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.
Avoid dust formation.

Environmental precautions : Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Contain spillage, pick up with an electrically protected vacuum cleaner or by wet-brushing and transfer to a container for disposal according to local regulations (see section 13).
Do not create a powder cloud by using a brush or compressed air.
Clean contaminated surface thoroughly.
Clean with detergents. Avoid solvents.
Retain and dispose of contaminated wash water.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : This material is capable of forming flammable dust clouds in air, which, if ignited, can produce a dust cloud explosion.
Flames, hot surfaces, mechanical sparks and electrostatic discharges can serve as ignition sources for this material.
Electrical equipment should be compatible with the flammability characteristics of this material. The flammability characteristics will be made worse if the material contains traces of flammable solvents or is handled in the presence of flammable solvents.

This material can become readily charged in most operations.

Avoid contact with skin and eyes.
When using do not eat, drink or smoke.
For personal protection see section 8.

Conditions for safe storage : Keep containers tightly closed in a dry, cool and well-ventilated place.
Keep out of the reach of children.

CASPER

Version 3.1	Revision Date: 31.07.2025	SDS Number: S1168979212	Date of last issue: 09.08.2021 Date of first issue: 09.08.2021
----------------	------------------------------	----------------------------	---

Keep away from food, drink and animal feedingstuffs.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
silica	61790-53-2	TWA	10 mg/m ³	AU OEL
prosulfuron (ISO)	94125-34-5	TWA	4 mg/m ³	Syngenta

Engineering measures : THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION AND PACKAGING OF THE PRODUCT. FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated.

The extent of these protection measures depends on the actual risks in use.

Maintain air concentrations below occupational exposure standards.
Where necessary, seek additional occupational hygiene advice.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection

Remarks : No special protective equipment required.
Eye protection : No special protective equipment required.
Skin and body protection : No special protective equipment required.
Select skin and body protection based on the physical job requirements.

Protective measures : The use of technical measures should always have priority over the use of personal protective equipment.
When selecting personal protective equipment, seek appropriate professional advice.

Personal protective equipment should comply with relevant national standards

CASPER

Version	Revision Date:	SDS Number:	Date of last issue: 09.08.2021
3.1	31.07.2025	S1168979212	Date of first issue: 09.08.2021

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	granules
Colour	:	light grey to brown
Odour	:	characteristic
Odour Threshold	:	No data available
pH	:	6 - 10 Concentration: 1 %w/v
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	May form combustible dust concentrations in air.
Burning number	:	4 (20 °C) 4 (100 °C)
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Density	:	1 g/cm ³ (25 °C)
Bulk density	:	0.5 - 0.7 g/ml
Solubility(ies)	:	
Water solubility	:	No data available
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available

CASPER

Version	Revision Date:	SDS Number:	Date of last issue: 09.08.2021
3.1	31.07.2025	S1168979212	Date of first issue: 09.08.2021

Minimum ignition temperature : 500 °C

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

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.

Minimum ignition energy : > 1 J

Particle characteristics

Particle size : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : None reasonably foreseeable.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.

Conditions to avoid : No decomposition if used as directed.

Incompatible materials : None known.

Hazardous decomposition products : No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Exposure routes : Ingestion
Inhalation
Skin contact
Eye contact

Acute toxicity**Product:**

Acute oral toxicity : LD50 (Rat, female): > 2,000 mg/kg
Assessment: The component/mixture is minimally toxic after single ingestion.
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat, male and female): > 5.02 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Assessment: The substance or mixture has no acute inhalation toxicity

CASPER

Version	Revision Date:	SDS Number:	Date of last issue: 09.08.2021
3.1	31.07.2025	S1168979212	Date of first issue: 09.08.2021

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity
Remarks: Based on data from similar materials

Components:**sodium 3,6-dichloro-o-anisate:**

Acute oral toxicity : LD50 (Rat, male and female): 4,600 mg/kg

Acute inhalation toxicity : LC50 (Rat, male): 4.46 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity
Remarks: Based on data from similar materials

prosulfuron (ISO):

Acute oral toxicity : LD50 (Rat, male and female): 986 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): > 5,400 mg/m³
Exposure time: 4 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit, male and female): > 2,000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity

Skin corrosion/irritation**Product:**

Species : Rabbit
Result : No skin irritation
Remarks : Based on data from similar materials

Components:**sodium 3,6-dichloro-o-anisate:**

Species : Rabbit
Result : No skin irritation
Remarks : Based on data from similar materials

prosulfuron (ISO):

Species : Rabbit
Result : No skin irritation

CASPER

Version	Revision Date:	SDS Number:	Date of last issue: 09.08.2021
3.1	31.07.2025	S1168979212	Date of first issue: 09.08.2021

Serious eye damage/eye irritation**Product:**

Species	:	Rabbit
Result	:	No eye irritation
Remarks	:	Based on data from similar materials

Components:**sodium 3,6-dichloro-o-anisate:**

Species	:	Rabbit
Result	:	Eye irritation

prosulfuron (ISO):

Species	:	Rabbit
Result	:	No eye irritation

Respiratory or skin sensitisation**Product:**

Test Type	:	Buehler Test
Species	:	Guinea pig
Result	:	Does not cause skin sensitisation.
Remarks	:	Based on data from similar materials

Components:**sodium 3,6-dichloro-o-anisate:**

Species	:	Guinea pig
Result	:	Does not cause skin sensitisation.

prosulfuron (ISO):

Species	:	Guinea pig
Result	:	Does not cause skin sensitisation.

Chronic toxicity**Germ cell mutagenicity****Components:****sodium 3,6-dichloro-o-anisate:**

Germ cell mutagenicity - Assessment	:	Animal testing did not show any mutagenic effects. Remarks: Information given is based on data obtained from similar substances.
-------------------------------------	---	---

CASPER

Version 3.1	Revision Date: 31.07.2025	SDS Number: S1168979212	Date of last issue: 09.08.2021 Date of first issue: 09.08.2021
----------------	------------------------------	----------------------------	---

prosulfuron (ISO):

Germ cell mutagenicity - Assessment : Animal testing did not show any mutagenic effects.

Carcinogenicity

Components:

sodium 3,6-dichloro-o-anisate:

Carcinogenicity - Assessment : No evidence of carcinogenicity in animal studies.
Remarks: Information given is based on data obtained from similar substances.

prosulfuron (ISO):

Carcinogenicity - Assessment : No evidence of carcinogenicity in animal studies.

Reproductive toxicity

Components:

sodium 3,6-dichloro-o-anisate:

Reproductive toxicity - Assessment : No toxicity to reproduction
Remarks: Information given is based on data obtained from similar substances.

prosulfuron (ISO):

Reproductive toxicity - Assessment : No toxicity to reproduction

STOT - repeated exposure

Components:

sodium 3,6-dichloro-o-anisate:

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
Remarks : Information given is based on data obtained from similar substances.

prosulfuron (ISO):

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

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l

CASPER

Version 3.1	Revision Date: 31.07.2025	SDS Number: S1168979212	Date of last issue: 09.08.2021 Date of first issue: 09.08.2021
----------------	------------------------------	----------------------------	---

Exposure time: 96 h
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): > 100 mg/l
Exposure time: 48 h
Remarks: Based on data from similar materials

Toxicity to algae/aquatic plants : ErC50 (*Raphidocelis subcapitata* (freshwater green alga)): 0.319 mg/l
Exposure time: 96 h
Remarks: Based on data from similar materials

ErC50 (*Lemna gibba* (gibbous duckweed)): 0.0623 mg/l
Exposure time: 7 d
Remarks: Based on data from similar materials

NOEC (*Raphidocelis subcapitata* (freshwater green alga)): 0.025 mg/l
End point: Growth rate
Exposure time: 96 h
Remarks: Based on data from similar materials

NOEC (*Lemna gibba* (gibbous duckweed)): 0.025 mg/l
End point: Growth rate
Exposure time: 7 d
Remarks: Based on data from similar materials

Components:

sodium 3,6-dichloro-o-anisate:

Toxicity to fish : LC50 (*Oncorhynchus mykiss* (rainbow trout)): > 100 mg/l
Exposure time: 96 h
Remarks: Information given is based on data obtained from similar substances.

Toxicity to algae/aquatic plants : EC50 (*Skeletonema costatum* (marine diatom)): 0.58 mg/l
Exposure time: 120 h
Remarks: Information given is based on data obtained from similar substances.

NOEC (*Skeletonema costatum* (marine diatom)): 0.011 mg/l
Exposure time: 120 h
Remarks: Information given is based on data obtained from similar substances.

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

prosulfuron (ISO):

Toxicity to fish : LC50 (*Oncorhynchus mykiss* (rainbow trout)): > 100 mg/l

CASPER

Version 3.1	Revision Date: 31.07.2025	SDS Number: S1168979212	Date of last issue: 09.08.2021 Date of first issue: 09.08.2021
----------------	------------------------------	----------------------------	---

	Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): > 120 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	: ErC50 (Raphidocelis subcapitata (freshwater green alga)): 0.074 mg/l Exposure time: 72 h
	NOEC (Raphidocelis subcapitata (freshwater green alga)): 0.008 mg/l End point: Growth rate Exposure time: 72 h
	EC50 (Lemna gibba (gibbous duckweed)): 0.00126 mg/l Exposure time: 14 d
	NOEC (Lemna gibba (gibbous duckweed)): 0.00083 mg/l Exposure time: 14 d
M-Factor (Acute aquatic toxicity)	: 100
Toxicity to fish (Chronic toxicity)	: NOEC (Oncorhynchus mykiss (rainbow trout)): 5.8 mg/l Exposure time: 21 d
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC (Daphnia magna (Water flea)): 32 mg/l Exposure time: 21 d
M-Factor (Chronic aquatic toxicity)	: 100
Toxicity to microorganisms	: EC50 (activated sludge): > 100 mg/l Exposure time: 3 h

Persistence and degradability

Components:

sodium 3,6-dichloro-o-anisate:

Biodegradability	: Result: Not readily biodegradable. Remarks: Information given is based on data obtained from similar substances.
Stability in water	: Degradation half life: 35 - 46 d Remarks: Product is not persistent. Based on data from similar materials

silica:

Biodegradability	: Result: Not readily biodegradable.
------------------	--------------------------------------

prosulfuron (ISO):

CASPER

Version 3.1	Revision Date: 31.07.2025	SDS Number: S1168979212	Date of last issue: 09.08.2021 Date of first issue: 09.08.2021
----------------	------------------------------	----------------------------	---

Biodegradability : Result: Not readily biodegradable.

Stability in water : Degradation half life: 45 - 60 d
Remarks: Product is not persistent.

Bioaccumulative potential

Components:

sodium 3,6-dichloro-o-anisate:

Bioaccumulation : Remarks: Low bioaccumulation potential.
Based on data from similar materials

prosulfuron (ISO):

Bioaccumulation : Remarks: Low bioaccumulation potential.

Partition coefficient: n-
octanol/water : log Pow: -0.76 (25 °C)
pH: 9.0

log Pow: -0.21 (25 °C)
pH: 6.9

log Pow: 1.5 (25 °C)
pH: 5.0

Mobility in soil

Components:

sodium 3,6-dichloro-o-anisate:

Distribution among environ-
mental compartments : Remarks: Very highly mobile in soil.
Based on data from similar materials

Stability in soil : Dissipation time: 1.4 - 11 d
Percentage dissipation: 50 %
Remarks: Product is not persistent.
Based on data from similar materials

prosulfuron (ISO):

Distribution among environ-
mental compartments : Remarks: Very highly mobile in soil.

Stability in soil : Dissipation time: 11 d
Percentage dissipation: 50 % (DT50)
Remarks: Product is not persistent.

Other adverse effects

Components:

sodium 3,6-dichloro-o-anisate:

Results of PBT and vPvB : Substance is not persistent, bioaccumulative, and toxic (PBT).

CASPER

Version 3.1	Revision Date: 31.07.2025	SDS Number: S1168979212	Date of last issue: 09.08.2021 Date of first issue: 09.08.2021
----------------	------------------------------	----------------------------	---

assessment

silica:

Results of PBT and vPvB assessment : Substance is not persistent, bioaccumulative, and toxic (PBT).

prosulfuron (ISO):

Results of PBT and vPvB assessment : Substance is not persistent, bioaccumulative, and toxic (PBT).

Endocrine disrupting potential : Substance does not have endocrine disrupting properties.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Do not contaminate ponds, waterways or ditches with chemical or used container.
Do not dispose of waste into sewer.
Where possible recycling is preferred to disposal or incineration.
If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging : Non-returnable containers:
Triple rinse containers.
Add rinsings to spray tank
If recycling, replace cap and return clean containers to recycler or designated collection point. Containers marked with the drumMUSTER container logo can be taken to a drumMUSTER collection site (02 6206 6868, www.drummuster.org.au).
Empty containers can be landfilled, when in accordance with the local regulations.
If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.
Returnable containers:
Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number : UN 3077
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (PROSULFURON)
Class : 9
Packing group : III

CASPER

Version 3.1	Revision Date: 31.07.2025	SDS Number: S1168979212	Date of last issue: 09.08.2021 Date of first issue: 09.08.2021
----------------	------------------------------	----------------------------	---

Labels : 9
 Environmentally hazardous : yes
 Remarks : This product can be subject to exemptions when packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids, or having a net mass of 5 kg or less for solids.

IATA-DGR

UN/ID No. : UN 3077
 Proper shipping name : Environmentally hazardous substance, solid, n.o.s. (PROSULFURON)
 Class : 9
 Packing group : III
 Labels : Miscellaneous
 Packing instruction (cargo aircraft) : 956
 Packing instruction (passenger aircraft) : 956
 Environmentally hazardous : yes
 Remarks : This product can be subject to exemptions when packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids, or having a net mass of 5 kg or less for solids.

IMDG-Code

UN number : UN 3077
 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (PROSULFURON)
 Class : 9
 Packing group : III
 Labels : 9
 EmS Code : F-A, S-F
 Marine pollutant : yes
 Remarks : This product can be subject to exemptions when packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids, or having a net mass of 5 kg or less for solids.

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

Not applicable for product as supplied.

National Regulations

ADG

UN number : UN 3077
 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (PROSULFURON)
 Class : 9
 Packing group : III
 Labels : 9
 Hazchem Code : 2Z
 Environmentally hazardous : yes

CASPER

Version 3.1	Revision Date: 31.07.2025	SDS Number: S1168979212	Date of last issue: 09.08.2021 Date of first issue: 09.08.2021
----------------	------------------------------	----------------------------	---

Remarks : Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the Australian Dangerous Goods Code when transported by road or rail in: packagings, IBC's, or any other receptacle not exceeding 500 kg / 500 litres.

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.

SECTION 15. REGULATORY INFORMATION

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

Therapeutic Goods (Poisons : Schedule 6
Standard) Instrument
Prohibition/Licensing Requirements : There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.

Product Registration Number : APVMA Approval No. 63890

SECTION 16: ANY OTHER RELEVANT INFORMATION

Revision Date : 31.07.2025
Date format : dd.mm.yyyy

Full text of other abbreviations

AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.
Syngenta : Syngenta Occupational Exposure Limit

AU OEL / TWA : Exposure standard - time weighted average
Syngenta / TWA : Time weighted average

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 Chemi-

CASPER

Version	Revision Date:	SDS Number:	Date of last issue: 09.08.2021
3.1	31.07.2025	S1168979212	Date of first issue: 09.08.2021

cal 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; TECI - 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

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.

AU / 6N