

TERIC® N9

Version 2.1 Revision Date: 29.04.2020 SDS Number: 400041003536 Date of last issue: 12.02.2020
Date of first issue: 06.12.2019

Print Date 10.02.2021

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : TERIC® N9

Manufacturer or supplier's details

Company : Sydney Solvents Pty Ltd
Address : Unit 3, 10 Production Place
Jamisontown NSW
2750
Telephone : 02 4722 5060
E-mail address : sales@sydneysolvents.com.au
Emergency telephone number : CHEMCALL - 1800 127 406

Recommended use of the chemical and restrictions on use

Recommended use : Surfactant

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Acute toxicity (Oral) : Category 4
Serious eye damage/eye irritation : Category 1
Short-term (acute) aquatic hazard : Category 2
Chronic aquatic toxicity : Category 2

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H302 Harmful if swallowed.
H318 Causes serious eye damage.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**

SAFETY DATA SHEET

TERIC® N9

Version 2.1 Revision Date: 29.04.2020 SDS Number: 400041003536 Date of last issue: 12.02.2020
Date of first issue: 06.12.2019

Print Date 10.02.2021

P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P280 Wear eye protection/ face protection.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.
P391 Collect spillage.

Storage:

Not available

Disposal:

P501 Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

Other hazards which do not result in classification

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Nonylphenol, ethoxylated	127087-87-0	>= 60 - <= 100

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
Treat symptomatically.
Get medical attention if symptoms occur.

If inhaled : If inhaled, remove to fresh air.
Get medical attention if symptoms occur.

In case of skin contact : If skin irritation persists, call a physician.
If on skin, rinse well with water.
If on clothes, remove clothes.

In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Continue rinsing eyes during transport to hospital.
Remove contact lenses.

SAFETY DATA SHEET

TERIC® N9

Version 2.1 Revision Date: 29.04.2020 SDS Number: 400041003536 Date of last issue: 12.02.2020
Date of first issue: 06.12.2019

Print Date 10.02.2021

- Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
Do NOT induce vomiting.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.
- Most important symptoms and effects, both acute and delayed : None known.
- Notes to physician : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : High volume water jet
- 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
- Specific extinguishing methods : 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.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.
- Hazchem Code : •3Z

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

SAFETY DATA SHEET

TERIC® N9

Version 2.1 Revision Date: 29.04.2020 SDS Number: 400041003536 Date of last issue: 12.02.2020
Date of first issue: 06.12.2019

Print Date 10.02.2021

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapours/dust.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
To avoid spills during handling keep bottle on a metal tray.
Dispose of rinse water in accordance with local and national regulations.
- Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Keep in properly labelled containers.
- Materials to avoid : For incompatible materials please refer to Section 10 of this SDS.
- Further information on storage stability : Stable under normal conditions.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
Refer to Australian/New Zealand Standard AS/NZS 1715 and AS/NZS 1716 for guidance on selection and use of respiratory devices.
- Hand protection
Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Refer to Australian/New Zealand Standard AS/NZS 2161.1: 2000 for guidance on selection and use of protective gloves.
- Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.
Refer to Australian/New Zealand Standard AS/NZS 1337:1992 for guidance on selection and use of protective eyewear.
- Skin and body protection : Impervious clothing
Choose body protection according to the amount and

SAFETY DATA SHEET

TERIC® N9

Version 2.1 Revision Date: 29.04.2020 SDS Number: 400041003536 Date of last issue: 12.02.2020
Date of first issue: 06.12.2019

Print Date 10.02.2021

concentration of the dangerous substance at the work place.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: Clear
Odour	: No data is available on the product itself.
Odour Threshold	: No data is available on the product itself.
pH	: 6 - 8 Concentration: 10 g/l
Melting point	: < 0 °C
Boiling point	: No data is available on the product itself.
Flash point	: 240 °C Method: open cup
Evaporation rate	: No data is available on the product itself.
Flammability (solid, gas)	: No data is available on the product itself.
Flammability (liquids)	: No data is available on the product itself.
Upper explosion limit / Upper flammability limit	: No data is available on the product itself.
Lower explosion limit / Lower flammability limit	: No data is available on the product itself.
Vapour pressure	: No data is available on the product itself.
Relative vapour density	: No data is available on the product itself.
Relative density	: 1.06
Density	: No data is available on the product itself.
Solubility(ies)	
Water solubility	: No data is available on the product itself.
Solubility in other solvents	: Solvent: Methanol Description: soluble
Partition coefficient: n-octanol/water	: No data is available on the product itself.
Auto-ignition temperature	: 425 °C
Thermal decomposition	: No data is available on the product itself.

SAFETY DATA SHEET

TERIC® N9

Version 2.1 Revision Date: 29.04.2020 SDS Number: 400041003536 Date of last issue: 12.02.2020
Date of first issue: 06.12.2019

Print Date 10.02.2021

Self-Accelerating decomposition temperature (SADT) : No data is available on the product itself.

Viscosity
Viscosity, dynamic : 330 mPa.s (20 °C)

Explosive properties : No data is available on the product itself.

Oxidizing properties : No data is available on the product itself.

Particle size : No data is available on the product itself.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No hazards to be specially mentioned.

Conditions to avoid : None known.

Incompatible materials : None known.

Hazardous decomposition products : No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Exposure routes : No data is available on the product itself.

Acute toxicity

Acute oral toxicity - Product : Acute toxicity estimate : 500 mg/kg
Method: Calculation method

Acute inhalation toxicity : No data available

Components:

Nonylphenol, ethoxylated:
Acute dermal toxicity : LD50 (Rabbit): 2,830 - 4,400 mg/kg

Acute toxicity (other routes of administration) : No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

Components:

Nonylphenol, ethoxylated:

SAFETY DATA SHEET

TERIC® N9

Version 2.1 Revision Date: 29.04.2020 SDS Number: 400041003536 Date of last issue: 12.02.2020
Date of first issue: 06.12.2019

Print Date 10.02.2021

Result: Corrosive

Respiratory or skin sensitisation

Components:

Nonylphenol, ethoxylated:
Exposure routes: Skin
Species: Guinea pig
Result: Does not cause skin sensitisation.

Assessment: No data available

Chronic toxicity

Germ cell mutagenicity

Components:

Nonylphenol, ethoxylated:
Genotoxicity in vitro : Concentration: 100 - 10000 ug/plate
 : Metabolic activation: with and without metabolic activation
 : Result: negative

 : Concentration: .01 - 1000 µg/L
 : Metabolic activation: negative
 : Result: negative

 : Concentration: 0 - 50 µg/L
 : Result: negative

 : Concentration: 75 mg/kg
 : Result: negative

Components:

Nonylphenol, ethoxylated:
Genotoxicity in vivo : Cell type: Germ
 : Exposure time: 5 d
 : Dose: 0 - 60 mg/kg
 : Result: negative

Germ cell mutagenicity- : No data available
Assessment

Carcinogenicity

Components:

Nonylphenol, ethoxylated:
Species: Rat
Application Route: Oral
Exposure time: 24 month(s)
Dose: 140 mg/kg
Result: negative

Carcinogenicity - : No data available
Assessment

SAFETY DATA SHEET

TERIC® N9

Version 2.1 Revision Date: 29.04.2020 SDS Number: 400041003536 Date of last issue: 12.02.2020
Date of first issue: 06.12.2019

Print Date 10.02.2021

Reproductive toxicity

Effects on fertility : No data available

Components:

Nonylphenol, ethoxylated:

Effects on foetal development : Species: Rat
Application Route: Other
General Toxicity Maternal: No observed adverse effect level:
50 mg/kg body weight
Result: No teratogenic effects

Reproductive toxicity - Assessment : No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Repeated dose toxicity

Components:

Nonylphenol, ethoxylated:

Species: Rat
NOEL: 10 mg/kg/d
Application Route: Ingestion
Exposure time: 2,160 h
Method: Subchronic toxicity

Species: Rat
NOAEL: > 140 mg/kg/d
Application Route: Ingestion
Exposure time: 2 yr
Method: Chronic toxicity

Repeated dose toxicity - Assessment : No data available

Aspiration toxicity

No data available

Experience with human exposure

General Information: No data available

Inhalation: No data available

Skin contact: No data available

SAFETY DATA SHEET

TERIC® N9

Version 2.1 Revision Date: 29.04.2020 SDS Number: 400041003536 Date of last issue: 12.02.2020
Date of first issue: 06.12.2019

Print Date 10.02.2021

Eye contact: No data available

Ingestion: No data available

Toxicology, Metabolism, Distribution

No data available

Neurological effects

No data available

Further information

Ingestion: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxicity to fish : No data available

Components:

Nonylphenol, ethoxylated:
Toxicity to daphnia and other : EC50: 6.4 mg/l
aquatic invertebrates Exposure time: 48 h

Components:

Nonylphenol, ethoxylated:
Toxicity to algae/aquatic : EC50 (Selenastrum capricornutum (green algae)): 50 mg/l
plants Exposure time: 48 h
Test substance: Fresh water

M-Factor (Acute aquatic : No data available
toxicity)

Toxicity to fish (Chronic : No data available
toxicity)

Toxicity to daphnia and other : No data available
aquatic invertebrates
(Chronic toxicity)

M-Factor (Chronic aquatic : No data available
toxicity)

Components:

Nonylphenol, ethoxylated:
Toxicity to microorganisms : LC50 (Bacteria): 60.6 mg/l
Exposure time: 5 min
Test substance: Marine water

SAFETY DATA SHEET

TERIC® N9

Version 2.1 Revision Date: 29.04.2020 SDS Number: 400041003536 Date of last issue: 12.02.2020
Date of first issue: 06.12.2019

Print Date 10.02.2021

Toxicity to soil dwelling organisms : No data available

Plant toxicity : No data available

Sediment toxicity : No data available

Toxicity to terrestrial organisms : No data available

Ecotoxicology Assessment
Acute aquatic toxicity : No data available

Chronic aquatic toxicity : No data available

Toxicity Data on Soil : No data available

Other organisms relevant to the environment : No data available

Persistence and degradability

Components:

Nonylphenol, ethoxylated:

Biodegradability : Result: Not readily biodegradable.
Biodegradation: 31 %
Exposure time: 28 d

Concentration: 50 mg/l
Result: Not readily biodegradable.
Biodegradation: 25 - 30 %

Biochemical Oxygen Demand (BOD) : No data available

Chemical Oxygen Demand (COD) : No data available

BOD/COD : No data available

ThOD : No data available

BOD/ThOD : No data available

Dissolved organic carbon (DOC) : No data available

Physico-chemical removability : No data available

Stability in water : No data available

Photodegradation : No data available

Impact on Sewage : No data available

SAFETY DATA SHEET

TERIC® N9

Version 2.1 Revision Date: 29.04.2020 SDS Number: 400041003536 Date of last issue: 12.02.2020
Date of first issue: 06.12.2019

Print Date 10.02.2021

Treatment

Bioaccumulative potential

Bioaccumulation : No data available

Partition coefficient: n-octanol/water : No data available

Mobility in soil

Mobility : No data available

Distribution among environmental compartments : No data available

Stability in soil : No data available

Other adverse effects

Environmental fate and pathways : No data available

Results of PBT and vPvB assessment : No data available

Endocrine disrupting potential : No data available

Adsorbed organic bound halogens (AOX) : No data available

Hazardous to the ozone layer

Ozone-Depletion Potential Not applicable

Additional ecological information - Product : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life with long lasting effects.

Global warming potential (GWP) : No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.
Dispose of as hazardous waste in compliance with local and national regulations.
Dispose of contents/ container to an approved waste disposal plant.

SAFETY DATA SHEET

TERIC® N9

Version 2.1 Revision Date: 29.04.2020 SDS Number: 400041003536 Date of last issue: 12.02.2020
Date of first issue: 06.12.2019

Print Date 10.02.2021

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA

UN/ID No. : UN 3082
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.
(ETHOXYLATED NONYLPHENOL)
Class : 9
Packing group : III
Labels : Miscellaneous
Packing instruction (cargo aircraft) : 964
Packing instruction (passenger aircraft) : 964

IMDG

UN number : UN 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.
(ETHOXYLATED NONYLPHENOL)
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

ADG

UN number : UN 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.
(ETHOXYLATED NONYLPHENOL)
Class : 9
Packing group : III
Labels : 9
Hazchem Code : •3Z

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

SAFETY DATA SHEET

TERIC® N9

Version 2.1 Revision Date: 29.04.2020 SDS Number: 400041003536 Date of last issue: 12.02.2020
Date of first issue: 06.12.2019

Print Date 10.02.2021

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

Standard for the Uniform Scheduling of Medicines and Poisons : No poison schedule number allocated

Australia Work Health and Safety Regulations - Schedule 10 Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals. : There is no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.

The components of this product are reported in the following inventories:

DSL : All components of this product are on the Canadian DSL
AICS : On the inventory, or in compliance with the inventory
NZIoC : On the inventory, or in compliance with the inventory
ENCS : On the inventory, or in compliance with the inventory
KECI : On the inventory, or in compliance with the inventory
PICCS : On the inventory, or in compliance with the inventory
IECSC : On the inventory, or in compliance with the inventory
TCSI : On the inventory, or in compliance with the inventory
TSCA : All substances listed as active on the TSCA inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

SECTION 16. OTHER INFORMATION

Revision Date : 29.04.2020
Date format : dd.mm.yyyy

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SAFETY DATA SHEET

TERIC® N9

Version	Revision Date:	SDS Number:	Date of last issue: 12.02.2020
2.1	29.04.2020	400041003536	Date of first issue: 06.12.2019

Print Date 10.02.2021

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Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behaviour should be determined by the user and made known to handlers, processors and end users.

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