



2500, Parc-Technologique Blvd
Quebec (QC) G1P 4S6
Canada

Phone: +1 418.874.0054
Toll Free: +1 877.745.4292 (North America only)
Fax: +1 418.874.0355

www.SiliCycle.com

Email: info@silicycle.com

Safety Data Sheet

SiliaMetS[®] TAAcONa nec
40 - 63 µm, 60 Å

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

1.1 Product Identifier

Substance name	SiliaMetS [®] TAAcONa nec, 40 - 63 µm, 60 Å
Product code	R69230B
EC number	Not available
REACH registration number	This substance should not be registered according to the regulation (CE) n° 1907/2006 (REACH), low volume.
CAS number	Not available.
Chemical name (Other means of identification)	Triaminetetraacetic Acid, Sodium Salt Functionalized Silica Gel
Formula	C ₁₅ H ₂₂ N ₃ Na ₄ O ₈ Si

1.2 Relevant identified uses of the substance and uses advised against

Relevant Identified uses	Metal Scavengers, Laboratory chemicals, Manufacture of substances.
---------------------------------	--

1.3 Details of the supplier of the Safety Data Sheet

Supplier's details	Silicycle Inc. 2500, Parc-Technologique Blvd, Quebec City, QC, Canada G1P 4S6 Tel: 418-874-0054 Fax: 418-874-0355 info@silicycle.com www.silicycle.com
National Contact (EC)	B-Lands Consulting clients@reach-compliance.eu

1.4 Emergency telephone number

Emergency telephone number Telephone / Hours of operation	CANUTEC: +1-613-996-6666 or *666 (cellular), 1-888-226-8832 (toll free). 24 hours/day, 7 days/week.
---	--

SECTION 2: Hazards identification

EMERGENCY OVERVIEW Warning: Exposure can be irritating to eyes, respiratory system and skin. Harmful by inhalation/ingestion. It's non-flammable solid.


2.1 Classification of the substance or mixture

Classification according to GHS, to Regulation (EC) No. 1272/2008 (CLP), to 29 CFR §1910.1200 and to Chinese requirement GB T 16483-2008

Acute Tox. 4 H302	Harmful if swallowed.
Acute Tox. 4 H312	Harmful in contact with skin
Acute Tox. 4 H332	Harmful if inhaled
Eye Irrit. 2 H319	Causes serious eye irritation
STOT SE 3 H335	May cause respiratory irritation

2.2 Label elements

Labeling according to GHS, to Regulation (EC) No. 1272/2008 (CLP), to 29 CFR §1910.1200 and to Chinese requirement GB T 16483-2008

Hazard pictograms	
GHS07: Exclamation mark	
Signal word	Warning
US DOT symbols	Non-Regulated.
WHMIS symbols	Not Controlled.



2500, Parc-Technologique Blvd
Quebec (QC) G1P 4S6
Canada

Phone: +1 418.874.0054
Toll Free: +1 877.745.4292 (North America only)
Fax: +1 418.874.0355

www.SiliCycle.com

Email: info@silicycle.com

Safety Data Sheet

SiliaMetS® TAAcONa nec
40 - 63 µm, 60 Å

SECTION 2: Hazards identification

Hazard statements

H302	Harmful if swallowed.
H312	Harmful in contact with skin
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled
H335	May cause respiratory irritation.

Precautionary statements

Prevention	<ul style="list-style-type: none"> P261 - Avoid breathing dust. P264 - Wash hands thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves. Wear eye or face protection.
Response	<ul style="list-style-type: none"> P312 - Call a POISON CENTER or physician if you feel unwell. P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing P301 + P312 + P330 - IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell; Rinse mouth. P302 + P352 + P321 IF ON SKIN: Wash with plenty of soap and water; P362 + P364 Take off contaminated clothing and wash it before reuse. P332 + P313 - If skin irritation occurs: Get medical attention. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
Storage	<ul style="list-style-type: none"> P403 + P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
Disposal	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental Hazard information (EU)

Not applicable

2.3 Other hazards

Processing powders can be irritating to eyes, respiratory system and skin.

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name	CAS #	EINECS #	ICSC #	Purity
SiliaMetS® TAAcONa nec, 40 - 63 µm, 60 Å	Not available.	Not available.	Not Listed.	≥ 99.95%

Common name and synonyms

Triaminetetraacetic Acid, Sodium Salt Functionalized Silica Gel

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.



2500, Parc-Technologique Blvd
Quebec (QC) G1P 4S6
Canada

Phone: +1 418.874.0054
Toll Free: +1 877.745.4292 (North America only)
Fax: +1 418.874.0355

www.SiliCycle.com

Email: info@silicycle.com

Safety Data Sheet

SiliaMetS[®] TAAcONa nec
40 - 63 µm, 60 Å

SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position.
Following skin contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes.
Following eye contact	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if necessary.
Following ingestion	Wash out mouth with water. Don't induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
Self-protection of the first aider	First aider: Pay attention to self-protection! No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	May cause respiratory irritation (respiratory tract irritation coughing)
Skin contact	Cause skin irritation (dryness and/or itchiness and/or redness)
Eye contact	Cause serious eye irritation (burning sensation and/or redness)
Ingestion	Harmful if swallowed. Irritating to mouth, throat and stomach.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	First Aid, decontamination, treatment of symptoms.



Safety Data Sheet

SiliaMetS[®] TAAcONa nec
40 - 63 µm, 60 Å

2500, Parc-Technologique Blvd
Quebec (QC) G1P 4S6
Canada

Phone: +1 418.874.0054
Toll Free: +1 877.745.4292 (North America only)
Fax: +1 418.874.0355

www.SiliCycle.com

Email: info@silicycle.com

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire. (Carbon dioxide, foam, dry chemical, halon or water spray).
------------------------------	---

5.2 Specific hazard arising from the substance

Specific hazard arising from the chemical	No specific fire or explosion hazard.
Hazardous thermal decomposition products	No specific data.

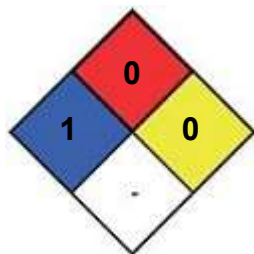
5.3 Advice for fire-fighters

Special protective equipment and precautions for Fire fighters	Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.
--	---

5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
--

NFPA RATING SYSTEM



Hazard scale

0	Minimal
1	Slight
2	Moderate
3	Serious
4	Severe
*	Chronic hazard

Specific Hazard

OXI	Oxidizer
ACID	Acid
ALK	Alkali
COR	Corrosive
W	Use no water
	Radiation hazard
-	None

HMIS RATING SYSTEM

1	HEALTH
0	FLAMMABILITY
0	PHYSICAL HAZARD
F	PERSONAL PROTECTION

Protective Equipment Index

A	Safety glasses
B	Safety glasses + Gloves
c	Safety glasses + Gloves + Protective apron
D	Face shield + Gloves + Protective apron
E	Safety glasses + Gloves + Dust respirator
F	Safety glasses + Gloves + Protective apron + Dust respirator
G	Safety glasses + Gloves + Vapor respirator
H	Splash goggles + Gloves + Protective apron + Vapor respirator
I	Safety glasses + Gloves + Dust respirator + Vapor respirator
J	Splash goggles + Gloves + Protective apron + Dust respirator + Vapor respirator
K	Airline mask/hood + Gloves + Full suit + Boots
X	Ask your supervisor for special handling instructions



Safety Data Sheet

SiliaMetS[®] TAAcONa nec
40 - 63 µm, 60 Å

2500, Parc-Technologique Blvd
Quebec (QC) G1P 4S6
Canada

Phone: +1 418.874.0054
Toll Free: +1 877.745.4292 (North America only)
Fax: +1 418.874.0355

www.SiliCycle.com

Email: info@silicycle.com

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing dust. Put on appropriate personal protective equipment.
For emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For Non-emergency personnel".

6.2 Environmental precautions

Avoid dispersal of split material and runoff and contact with soil, waterways, drain and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and materials for containment and cleaning up

For containment	Collect in closed and suitable containers for disposal.
For cleaning up - Large spill	Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.
For cleaning up - Small spill	Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, watercourses, basements and confined areas. Vacuum or sweep up materials and place in a designated, labelled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.
Other information	None

6.4 Reference to other sections

Personal protection equipment: see Section 8.
Disposal: see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Measures to prevent fire	Use only with adequate ventilation. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.
Measures to prevent aerosol and dust generation	Use only with adequate ventilation. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.
Measures to protect the environment	Use only with adequate ventilation. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.
Advice on general occupational hygiene	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions	Store at room temperature.
Requirement for storage rooms and vessels	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.
Further information on storage conditions	Protect containers against damage. Do not store in unlabeled containers.

7.3 Specific end use (s)

Recommendations: Metal Scavengers, Laboratory chemicals, Manufacture of substances.



2500, Parc-Technologique Blvd
Quebec (QC) G1P 4S6
Canada

Phone: +1 418.874.0054
Toll Free: +1 877.745.4292 (North America only)
Fax: +1 418.874.0355

www.SiliCycle.com

Email: info@silicycle.com

Safety Data Sheet

SiliaMetS[®] TAAcONa nec
40 - 63 µm, 60 Å

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Substance name	CAS #	ACGIH TLV	OSHA PEL
SiliaMetS [®] TAAcONa nec, 40 - 63 µm, 60 Å	Not available.	Not available.	Not available.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Substance related measures to prevent exposure during identified uses	No specific measures
Structural measures to prevent exposure	No specific measures
Organizational measures to prevent exposure	Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. Avoid contact with skin, eyes and clothing. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately. Do not breathe vapors or spray mist.
Technical measures to prevent exposure	Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

8.2.2 Personal protective equipment

Eye/face protection	Safety eyewear should be used when there is a likelihood of exposure. Recommended: If operating conditions cause high dust concentrations to be produced, use dust goggles.
---------------------	---

Skin protection

Hand protection	Use gloves appropriate for work or task being performed. Recommended: Natural rubber (latex).
Body protection	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: Lab coat.
Other skin protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	Not required under normal conditions of uses. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Ensure an MSHA/NIOSH-approved respirator or equivalent is used.

Thermal hazards

No specific measures

8.2.3 Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the Local requirements of environmental protection legislation. In some cases, dust collection filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Substance related measures to prevent exposure	No specific measures
Instruction measures to prevent exposure	No specific measures
Structural measures to prevent exposure	No specific measures
Organizational measures to prevent exposure	No specific measures
Technical measures to prevent exposure	No specific measures



2500, Parc-Technologique Blvd
 Quebec (QC) G1P 4S6
 Canada

Phone: +1 418.874.0054
 Toll Free: +1 877.745.4292 (North America only)
 Fax: +1 418.874.0355

www.SiliCycle.com

Email: info@silicycle.com

Safety Data Sheet

SiliaMetS[®] TAAcONa nec
 40 - 63 µm, 60 Å

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

(a) Appearance (Physical state)	Solid (off-white powder).
(b) Odour	Slightly sweet and slightly acid
(c) Odour threshold	Not available, very low odor
(d) pH	Not available
(e) Melting point/freezing point	1710°C (Regulation (EC) No 440/2008, Annex, A.1)
(f) Initial boiling point and boiling range	2230°C (Regulation (EC) No 440/2008, Annex, A.2)
(g) Flash point	Not applicable. (Regulation (EC) No 440/2008, Annex, A.9)
(h) Evaporation rate	Not applicable.
(i) Flammability (solid, gas)	Not applicable.
(j) Upper/lower flammability or explosive limits	Not applicable.
(k) Vapor pressure	Not applicable. (Regulation (EC) No 440/2008, Annex, A.4)
(l) Vapor density	Not applicable.
(m) Relative density (g/L)	580 (Regulation (EC) No 440/2008, Annex, A.3)
(n) Solubility(ies)	Insoluble. (Regulation (EC) No 440/2008, Annex, A.6)

9.2 Other information

No additional information relevant to safe use of the substance.

SECTION 10: Stability and reactivity

10.1 Reactivity	Product is stable.
10.2 Chemical stability	The substance is chemically stable under recommended conditions of storage, use and temperature.
10.3 Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	Avoid moisture and contact with incompatible materials.
10.5 Incompatible materials	Strong acid, Hydrogen fluoride (HF).
10.6 Hazardous decomposition products	No data available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Information on the likely routes of exposure	Routes of entry anticipated: Oral, Dermal and Inhalation.
--	---

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation	May cause respiratory irritation (respiratory tract irritation coughing)
Skin contact	Cause skin irritation (dryness and/or itchiness and/or redness)
Eye contact	Cause serious eye irritation (burning sensation and/or redness)
Ingestion	Harmful if swallowed. Irritating to mouth, throat and stomach.

Delayed and immediate effects and also chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects	Not available.
Potential delayed effects	Not available.



2500, Parc-Technologique Blvd
 Quebec (QC) G1P 4S6
 Canada

Phone: +1 418.874.0054
 Toll Free: +1 877.745.4292 (North America only)
 Fax: +1 418.874.0355

www.SiliCycle.com

Email: info@silicycle.com

Safety Data Sheet

SiliaMetS[®] TAAcONa nec
 40 - 63 µm, 60 Å

SECTION 11: Toxicological information

Long term exposure	
Potential immediate effects	Not available.
Potential delayed effects	Not available.
Potential chronic health effects	
General	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.
Numerical measures of toxicity	Not available.

SECTION 12: Ecological information

12.1 Toxicity	
Acute (Short term) fish toxicity	Ecotoxicity in water (LC50): 440 mg/l 72 hours [Algae], 5000 mg/l 96 hours [Fish], 7600 mg/l 48 hours [Daphnia] À redistribuer mais semble ne pas être suffisant comme donnée incluse, voir exemple sous la section
Chronic (Long term) fish toxicity	Not available.
Acute (Short term) toxicity to crustacea	Not available.
Chronic (Long term) toxicity to crustacea	Not available.
Acute (Short term) toxicity to algae and cyanobacteria	Not available.
Chronic (Long term) toxicity to algae and cyanobacteria	Not available.
Toxicity to other aquatic plants/organisms	Not available.
Toxicity to microorganisms	Not available.
12.2 Persistence and degradability	
Abiotic Degradation	Not available.
Biodegradation	Not available.
Assessment/Classification	Not available.
12.3 Bioaccumulative potential	
Bioconcentration factor	Not available.
Assessment/Classification	Not available.
12.4 Mobility in soil	
Mobility	Not available.
Surface tension	Not available.
Assessment/Classification	Not available.
12.5 Results of PBT and vPvB assessment	
This substance does not meet the PBT and vPvB criteria of REACH, annex XVIII.	
12.4 Other adverse effects	
None known	



2500, Parc-Technologique Blvd
 Quebec (QC) G1P 4S6
 Canada

Phone: +1 418.874.0054
 Toll Free: +1 877.745.4292 (North America only)
 Fax: +1 418.874.0355

www.SiliCycle.com

Email: info@silicycle.com

Safety Data Sheet

SiliaMetS[®] TAAcONa nec
 40 - 63 µm, 60 Å

SECTION 13: Disposal considerations

13.1 Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste products residue should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional and local authority requirements.
 EEC: Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

	ADR/RID	ADN/ADNR	IMDG	IATA/ICAO	DOT
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	Not dangerous good	Not dangerous good	Not dangerous good	Not dangerous good	Not dangerous good
14.3 Transport hazard class(es)	-	-	-	-	-
14.4 Packing group*	-	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.	No.

14.6 Special precautions for user

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code (Marine Pollutants)

Not applicable.

PG*: Packing group; Exemption to the above classification may apply.



2500, Parc-Technologique Blvd
Quebec (QC) G1P 4S6
Canada

Phone: +1 418.874.0054
Toll Free: +1 877.745.4292 (North America only)
Fax: +1 418.874.0355

www.SiliCycle.com

Email: info@silicycle.com

Safety Data Sheet

SiliaMetS[®] TAAcONa nec
40 - 63 µm, 60 Å

SECTION 15: Regulatory information

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

U.S. Federal regulations

United States inventory (TSCA 8b)	Not applicable, low volume.
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	This substance is not listed.
Clean Air Act Section 602 Class I Substances	This substance is not listed.
Clean Air Act Section 602 Class II Substances	This substance is not listed.
DEA List I Chemicals (Precursor Chemicals)	This substance is not listed.

SARA 302/304

Composition/information on ingredients	No products were found.
SARA 304 RQ	Not applicable.

SARA 311/312

Classification	Immediate (acute) health hazard
----------------	---------------------------------

SARA 313

	No products were found.
--	-------------------------

State Regulations

Massachusetts	This substance is not listed.
Ney York	This substance is not listed.
New Jersey	This substance is not listed.
Pennsylvania	This substance is not listed.
California Prop. 65	This substance is not listed.

Canada (Canadian lists)

Canadian NPRI	This substance is not listed.
CEPA Toxic substances	This substance is not listed.
Canada Inventory	This substance is not listed.

EU Regulations

Authorisations and/or restriction on use	None
Other EU legislation	Commission Regulation (EU) No 474/2014 of 8 May 2014 amending Annex XVII to Regulation (EC) No 1907/2006 Commission Regulation (EU) No 944/2013 of 2 October 2013 (5 th ATP) amending Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures Waste Framework Directive 2008/98/EC

National Regulations (UK)

UK legislation	Management of Health and Safety at Work Regulations (1999) Control of substances Hazardous to Health Regulations (COSHH 2002) Personal Protective Equipment Regulations (2002)
----------------	--

International lists (National inventory)

China	Listed on National Inventory.
Australia	Listed on AICS.
Japan	Not listed on Occupational Safety and Health Act, Japan Listed on Chemical Substance Law, Japan; ID no: H27-A-040/C-111A_P
New Zealand	Not determined.
Philippines	Not determined.
Taiwan	Not determined.

15.2 Chemical Safety Assessment

For this substance, an assessment was not carried out.



2500, Parc-Technologique Blvd
Quebec (QC) G1P 4S6
Canada

Phone: +1 418.874.0054
Toll Free: +1 877.745.4292 (North America only)
Fax: +1 418.874.0355

www.SiliCycle.com

Email: info@silicycle.com

Safety Data Sheet

SiliaMetS[®] TAAcONa nec
40 - 63 µm, 60 Å

SECTION 16: Other information

Version:	1.0
Description of Modification:	N/A, first version

Abbreviations and acronyms

Å: Amstrong (unit of measure)
ACGIH: American Conference of Governmental Industrial Hygienists
ADN/ADNR: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (AND) and on the Rhine (ADNR)
ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR)
AICS: Australian Inventory of Chemical Substances
ATP: Adaptation to Technical Progress
CAS No: Chemical Abstract Service Number
CEPA: Canadian Environmental Protection Act
CLP: Classification Labelling and Packaging Regulation
DEA: Drug Enforcement Agency (U.S.)
DNEL: Derived No-Effect Level
DOT: Department of Transportation (U.S.)
ES: Exposure scenario
ERC: Environmental Release Category
EC: European Commission
EC No: European Chemical Number: EINECS, ELINCS or NLP
ECHA: European chemical Agency
EEC: European Economic Community
IENECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
ERC: Environmental Release Category
EU: European Union
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
GLP: Good Laboratory Practice
HMIS: Hazardous Materials Identification System (U.S.)
IATA/ICAO: International Air Transport Association/International Civil Aviation Organization
ICSC: International Chemical Safety Cards
LC50: Lethal concentration, 50%
LD50: Median Lethal dose
MARPOL: International convention covering prevention of pollution of the marine environment by ships from operational or accidental causes.
NFPA: National Fire Prevention Association
NLP: No-longer Polymers (inventory list in EU)
NOAEL: No observed Adverse Effect Level
NPRI: National Pollutant Release Inventory (Canada)
OECD: Organisation for Economic Co-operation and Development
OSHA: Occupational Safety and Health Administration (US)
PBT: Persistent, Bioaccumulative and Toxic
PC: Product Category
PNEC: Predicted No Effect Concentration
PROC: Process Category
REACH: Registration, Evaluation, Autorisation and Restrictions of Chemical
SARA: Superfund Amendments and Reauthorization Act (U.S.)
SDS: Safety Data Sheet
STOT SE: Specific target organ toxicity — single exposure
SU: Sector of Use
TSCA: Toxic Substances Control Act (U.S.)
TWA: Time-weighted average
µm: micron (unit of measure)
UN: United Nations
U.S.: United States
vPvB: Very Persistent and Very Bioaccumulative
WEL: Workplace Exposure Limits
WHMIS: Workplace Hazardous Materials Information System (Canada)
WT%: percentage by weight

Training advice	Substance should only be handled by trained operators
------------------------	---

Additional information (Notice to reader):

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other substances/products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.