

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 7/22/2011 Revision date: 2/23/2023 Supersedes: 8/25/2022 Version: 3.3

SECTION 1: Identification

1.1. Identification

Product form : Substance

Substance name : CYANAMIDE (STABILIZED WITH < 0.1% ACETIC ACID) (13C, 99%; 15N2, 98%) 85%+

CHEMICAL PURITY

CAS-No. : 420-04-2
Product code : CNLM-7289
Formula : *CH2*N2

Synonyms : Hydrogen cyanamide / Carbodiimide

Other means of identification : Also applicable to:

CNLM-7289-NAT (13C, 99%; 15N2, 98%) 85%+ CHEMICAL PURITY

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Cambridge Isotope Laboratories, Inc.

50 Frontage Rd

01810

ANDOVER, MA, 01810

USA

T 1-800-322-1174

cilsales@isotope.com - www.isotope.com

1.4. Emergency telephone number

Emergency number : 1-703-741-5970

Chemtrec 1-800-424-9300 24 hours

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Acute toxicity (oral) Category 3	H301	Toxic if swallowed
Acute toxicity (dermal) Category 3	H311	Toxic in contact with skin
Acute toxicity (inhalation) Category 3	H331	Toxic if inhaled

Skin corrosion/irritation Category 1A H314 Causes severe skin burns and eye damage Reproductive toxicity Category 2 H361 Suspected of damaging the unborn child.

Specific target organ toxicity (repeated exposure) Category 2 H373 May cause damage to organs through prolonged or repeated

exposure

Hazardous to the aquatic environment – Chronic Hazard Category 3 H412

Full text of H statements : see section 16

Harmful to aquatic life with long lasting effects

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)







Signal word (GHS US)

Hazard statements (GHS US)

Precautionary statements (GHS US)

: Danger

: H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled

H314 - Causes severe skin burns and eye damage H361 - Suspected of damaging the unborn child.

H373 - May cause damage to organs through prolonged or repeated exposure

H412 - Harmful to aquatic life with long lasting effects

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe dust, fume, gas, mist, spray, vapors.

P261 - Avoid breathing dust, fume, gas, mist, spray, vapors.

P264 - Wash hands, forearms and face thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P273 - Avoid release to the environment.

P280 - Wear protective clothing, protective gloves.

P271 - Use only outdoors or in a well-ventilated area.

P301+P310 - If swallowed: Immediately call a doctor, a POISON CENTER. P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting.

P302+P352 - If on skin: Wash with plenty of water.

P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

 ${\sf P308+P313-If\ exposed\ or\ concerned:\ Get\ medical\ advice/attention.}$

P310 - Immediately call a doctor, a POISON CENTER.

P311 - Call a doctor.

P312 - Call a doctor if you feel unwell.

P314 - Get medical advice/attention if you feel unwell.

P321 - Specific treatment (see Hazardous component(s) for labeling on this label).

P322 - Specific treatment (see Hazard pictograms (CLP) on this label)

P330 - Rinse mouth.

P361+P364 - Take off immediately all contaminated clothing and wash it before reuse.

P363 - Wash contaminated clothing before reuse.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 3: Composition/Information on ingredients

3.1. Substances

Name	Product identifier	%	GHS US classification
CYANAMIDE (STABILIZED WITH < 0.1% ACETIC ACID) (13C, 99%; 15N2, 98%) 85%+ CHEMICAL PURITY (Main constituent)	CAS-No.: 420-04-2		Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1A, H314 Repr. 2, H361 STOT RE 2, H373 Aquatic Chronic 3, H412

Full text of hazard classes and H-statements : see section 16

3.2. Mixtures

Not applicable

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general

First-aid measures after inhalation

First-aid measures after skin contact

First-aid measures after eye contact

First-aid measures after ingestion

: If you feel unwell, seek medical advice (show the label where possible). Evacuate danger area.

: When symptoms occur: go into open air and ventilate suspected area. If not breathing, give artificial respiration. Get medical advice/attention.

: Wash with plenty of soap and water. Get immediate medical advice/attention. Take off contaminated clothing and wash it before reuse.

 Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Transport to hospital immediately.

: Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.

4.2. Most important symptoms and effects (acute and delayed)

Potential Adverse human health effects and

symptoms

: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. Exposure to and/or consumption of alcohol may increase toxic effects. Symptoms may be delayed. Lowered blood pressure. Salivation. Ataxia. Headache. Dizziness. Edema. Can cause blindness.

Symptoms/effects

: Suspected of damaging the unborn child. May cause damage to organs (Eyes, central nervous system, heart, liver, kidneys) through prolonged or repeated exposure (in contact with skin, if inhaled, if swallowed).

Symptoms/effects after inhalation

Symptoms/effects after skin contact Symptoms/effects after eye contact

Symptoms/effects after ingestion

Toxic if inhaled.

: Toxic in contact with skin. Causes severe skin burns.

: Causes severe eye damage.

: Toxic if swallowed.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).

2/23/2023 (Revision date) US - en 3/12

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO2).

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Wear a self contained breathing

apparatus. Do not enter fire area without proper protective equipment, including respiratory

protection.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear

recommended personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Avoid breathing vapors, mist, gas. Avoid dust formation.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer

to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Prevent entry to sewers and public waters. Do not allow to enter drains or water courses. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal.

Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Further processing of solid materials may result in the

formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work. Handle in accordance with good industrial hygiene and safety

practice.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Store in a well-ventilated place. Keep container tightly closed.

Storage conditions : Store in freezer (-80°C). Protect from light.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2/23/2023 (Revision date) US - en 4/12

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

CYANAMIDE (STABILIZED WITH < 0.1% ACETIC ACID) (13C, 99%; 15N2, 98%) 85%+ CHEMICAL PURITY (420-04-2)		
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA 2 mg/m³ USA. ACGIH Threshold Limit Values (TLV)		
Remark (ACGIH) Eye irritation Skin irritation		

8.2. Appropriate engineering controls

Appropriate engineering controls : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. Protective clothing. Protective goggles. Self-contained breathing apparatus.

Materials for protective clothing:

Wear suitable protective clothing and gloves

Hand protection:

Wear suitable protective clothing and gloves

Eye protection:

Wear eye protection. Chemical goggles or face shield with safety glasses

Skin and body protection:

Wear suitable protective clothing, gloves and eye/face protection

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Approved supplied air respirator

Personal protective equipment symbol(s):









SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : Crystalline.
Color : White to yellow
Odor : No data available
Odor threshold : No data available
pH : No data available

Melting point : 45 – 46 °C °C (113-115°F) - lit

Freezing point : No data available

Boiling point : 83 °C (181°F) at 0.7 hPa (0.5 mmHg) - lit

Flash point : 141 °C (286°F) - closed cup

Relative evaporation rate (butyl acetate=1) : No data available

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Flammability (solid, gas) : No data available

Vapor pressure : 0.005 hPa (0.00375 mmHg) at 20°C (68°F)

Relative vapor density at 20°C : No data available

Relative density : 1.282 g/cm3 at 20°C (68°F)

Molecular mass : 45 g/mol (Labeled)

Solubility : Soluble.
Partition coefficient n-octanol/water (Log Pow) : -0.719

Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosion limits : No data available
Explosive properties : No data available
Oxidizing properties : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Six months after receipt if stored as stated in "Storage" section. Re-QC after six months.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Avoid moisture.

10.5. Incompatible materials

Iron. Strong reducing agents. Oxidizing agents, Iron and iron salts. Steel. Brass. Strong acids, Strong bases.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO2). Nitrogen oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Toxic if swallowed.

Acute toxicity (dermal) : Toxic in contact with skin.

Acute toxicity (inhalation) : Toxic if inhaled.

CYANAMIDE (STABILIZED WITH < 0.1% ACETIC ACID) (13C, 99%; 15N2, 98%) 85%+ CHEMICAL PURITY (420-04-2)		
LD50 oral rat	142 mg/kg	
LD50 dermal rabbit	848 mg/kg	
LC50 Inhalation - Rat	2 mg/l 4 h (OECD Test Guideline 403)	

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Skin corrosion/irritation : Causes severe skin burns.

Serious eye damage/irritation : Assumed to cause serious eye damage

Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Reproductive toxicity : Suspected of damaging the unborn child.

STOT-single exposure : Not classified

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified Viscosity, kinematic : No data available

Potential Adverse human health effects and

symptoms

: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. Exposure to and/or consumption of alcohol may increase toxic effects. Symptoms may be delayed. Lowered blood pressure.

Salivation. Ataxia. Headache. Dizziness. Edema. Can cause blindness.

Symptoms/effects : Suspected of damaging the unborn child. May cause damage to organs (Eyes, central nervous

system, heart, liver, kidneys) through prolonged or repeated exposure (in contact with skin, if

inhaled, if swallowed).

Symptoms/effects after inhalation : Toxic if inhaled.

Symptoms/effects after skin contact : Toxic in contact with skin. Causes severe skin burns.

Symptoms/effects after eye contact : Causes severe eye damage.

Symptoms/effects after ingestion : Toxic if swallowed.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.

CYANAMIDE (STABILIZED WITH < 0.1% ACETIC ACID) (13C, 99%; 15N2, 98%) 85%+ CHEMICAL PURITY (420-04-2)		
LC50 - Fish [1]	90 mg/l Oncorhynchus mykiss (rainbow trout) - 96h	
EC50 - Other aquatic organisms [1]	0.1044 mg/l Daphnia magna (Water flea) - 21 d	
NOEC (acute)	3.7 mg/l Oncorhynchus mykiss (rainbow trout) - 21d	

12.2. Persistence and degradability

CYANAMIDE (STABILIZED WITH < 0.1% ACE	TIC ACID) (13C, 99%; 15N2, 98%	6) 85%+ CHEMICAL PURITY (420-04-2)
Persistence and degradability	Biodegradability. Biodegradability 301B).	Result: - Readily biodegradable. (OECD Test Guideline

12.3. Bioaccumulative potential

CYANAMIDE (STABILIZED WITH < 0.1% ACE	TIC ACID) (13C, 99%; 15N2, 98%) 85%+ CHEMICAL PURITY (420-04-2)
Partition coefficient n-octanol/water (Log Pow)	-0.719

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other adverse effects : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

2/23/2023 (Revision date) US - en 7/12

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional legislation (waste) : Waste materials should be disposed of under conditions which meet Federal, State, and local

environmental control regulations.

Product/Packaging disposal recommendations : Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed

professional waste disposal service to dispose of this material. Dissolve or mix with a

combustible solvent. Remove to an authorized incinerator equipped with an afterburner and a

flue gas scrubber with energy recovery.

Ecology - waste materials : Dispose of as unused product.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

 DOT NA No
 : UN2923

 UN-No. (TDG)
 : UN2923

 UN-No. (IMDG)
 : 2923

 UN-No. (IATA)
 : 2923

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Corrosive solids, toxic, n.o.s.

Proper Shipping Name (TDG) : CORROSIVE SOLID, TOXIC, N.O.S. Proper Shipping Name (IMDG) : CORROSIVE SOLID, TOXIC, N.O.S.

Proper Shipping Name (IATA) : Corrosive solid, toxic, n.o.s.

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : 8 (6.1) Hazard labels (DOT) : 8, 6.1





TDG

Transport hazard class(es) (TDG) : 8 (6.1) Hazard labels (TDG) : 8, 6.1





IMDG

Transport hazard class(es) (IMDG) : 8 (6.1) Hazard labels (IMDG) : 8, 6.1





Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

IATA

Transport hazard class(es) (IATA) : 8 (6.1) Hazard labels (IATA) : 8, 6.1





14.4. Packing group

Packing group (DOT) : 111 Packing group (TDG) : 111 Packing group (IMDG) : 111 : 111 Packing group (IATA)

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

DOT

UN-No.(DOT) : UN2923

DOT Special Provisions (49 CFR 172.102)

IB8 - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2); Fiberboard (11G); Wooden (11C, 11D and 11F); Flexible (13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2).

IP3 - Flexible IBCs must be sift-proof and water-resistant or must be fitted with a sift-proof and water-resistant liner.

T1 - 1.5 178.274(d)(2) Normal..... 178.275(d)(2)

TP33 - The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent requirements for minimum shell thickness, maximum allowable working pressure, pressure-relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter.

DOT Packaging Exceptions (49 CFR 173.xxx) 154 DOT Packaging Non Bulk (49 CFR 173.xxx) 213 DOT Packaging Bulk (49 CFR 173.xxx) 240 DOT Quantity Limitations Passenger aircraft/rail (49 : 25 kg

CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 100 kg

CFR 175.75)

DOT Vessel Stowage Location

: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this

section is exceeded.

DOT Vessel Stowage Other : 40 - Stow "clear of living quarters"

TDG

: UN2923 UN-No. (TDG)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

TDG Special Provisions

: 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks).
(2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name:

(a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S;

(b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S;

(c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S;

(d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or

(e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.

(3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment:

(a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS.

Explosive Limit and Limited Quantity Index Excepted quantities (TDG)

Passenger Carrying Road Vehicle or Passenger

Carrying Railway Vehicle Index

Emergency Response Guide (ERG) Number

: 5 kg : E1 : 25 kg

: 154

IMDG

Special provision (IMDG) : 223, 274 Limited quantities (IMDG) 5 kg Excepted quantities (IMDG) E1 Packing instructions (IMDG) P002 IBC packing instructions (IMDG) IBC08 IBC special provisions (IMDG) B3 Tank instructions (IMDG) : T1 Tank special provisions (IMDG) : TP33

EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE

EmS-No. (Spillage) : S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES

Stowage category (IMDG) : B
Stowage and handling (IMDG) : SW2

Flash point (IMDG) :

Properties and observations (IMDG) : Causes burns to skin, eyes and mucous membranes. Toxic if swallowed, by skin contact or by

inhalation

MFAG-No : 154

IATA

PCA Excepted quantities (IATA) : E1 PCA Limited quantities (IATA) Y845 PCA limited quantity max net quantity (IATA) : 5kg : 860 PCA packing instructions (IATA) PCA max net quantity (IATA) : 25kg CAO packing instructions (IATA) 864 CAO max net quantity (IATA) 100ka A3, A803 Special provision (IATA) ERG code (IATA) 8P

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

Not applicable

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 15: Regulatory information

15.1. US Federal regulations

CYANAMIDE (STABILIZED WITH < 0.1% ACETIC ACID) (13C, 99%; 15N2, 98%) 85%+ CHEMICAL PURITY (420-04-2)	
SARA Section 302 Threshold Planning Quantity (TPQ)	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
	Delayed (chronic) health hazard Immediate (acute) health hazard

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

,		0 ,		'
Name	CAS-No.	Listing	Commercial status	Flags
CYANAMIDE (STABILIZED WITH < 0.1% ACETIC ACID) (13C, 99%; 15N2, 98%) 85%+ CHEMICAL PURITY	420-04-2	Not present	-	

15.2. International regulations

CANADA

CYANAMIDE (STABILIZED WITH < 0.1% ACETIC ACID) (13C, 99%; 15N2, 98%) 85%+ CHEMICAL PURITY (420-04-2)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

CYANAMIDE (STABILIZED WITH < 0.1% ACETIC ACID) (13C, 99%; 15N2, 98%) 85%+ CHEMICAL PURITY (420-04-2)

CAUTION: This material is supplied for research and development purposes subject to the R&D exemption under TSCA, 40 CFR 720.36, and must meet the requirements of the exemption, including supervision by a "technically qualified individual" as defined by 40 CFR 720.3(ee). The use of this material for "commercial purposes" as defined by 40 CFR 720.3(r) is not permitted in the United States.

15.3. US State regulations

CYANAMIDE (STABILIZED WITH < 0.1% ACETIC ACID) (13C, 99%; 15N2, 98%) 85%+ CHEMICAL PURITY (420-04-2)	
	U.S Massachusetts - Right To Know List U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 02/23/2023

Other information : This product is not radioactive. The data given for this product are those of the corresponding

unlabeled compound, unless specifically indicated otherwise. Health and safety data for labeled compounds are generally not available, but are assumed to be similar or identical to the

corresponding unlabeled compound.

Full text of H-phrases

H301 Toxic if swallowed

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Full text of H-ph	Full text of H-phrases	
H311	Toxic in contact with skin	
H314	Causes severe skin burns and eye damage	
H331	Toxic if inhaled	
H361	Suspected of damaging fertility or the unborn child	
H373	May cause damage to organs through prolonged or repeated exposure	
H412	Harmful to aquatic life with long lasting effects	

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.