

SAFETY DATA SHEET

Preparation Date: 2/1/2018

Revision Date: 2/1/2018

Revision Number: G1

1. IDENTIFICATION

Product identifier

Product code: Z1066
Product Name: ZINC CYANIDE, TECHNICAL

Other means of identification

Synonyms: Cyanure de zinc (French)
 Zinc dicyanide
CAS #: 557-21-1
RTECS # ZH1575000
CI#: Not available

Recommended use of the chemical and restrictions on use

Recommended use: No information available.
Uses advised against No information available

Supplier: Spectrum Chemical Mfg. Corp
 14422 South San Pedro St.
 Gardena, CA 90248
 (310) 516-8000

Order Online At: <https://www.spectrumchemical.com>
Emergency telephone number Chemtrec 1-800-424-9300
Contact Person: Martin LaBenz (West Coast)
Contact Person: Ibad Tirmiz (East Coast)

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous according to the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Considered a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Acute toxicity - Oral	Category 3
Acute toxicity - Dermal	Category 1
Acute toxicity - Inhalation (Dusts/Mists)	Category 2
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A

Label elements

Danger

Hazard statements

Fatal in contact with skin
 Fatal if inhaled
 Toxic if swallowed

Causes serious eye irritation
Causes skin irritation



Hazards not otherwise classified (HNOC)

Not Applicable

Other hazards

Very toxic to aquatic life with long lasting effects
Very toxic to aquatic life
Contact with acid liberates toxic gas

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Do not get in eyes, on skin, or on clothing
Wear protective gloves/protective clothing/eye protection/face protection
Do not breathe dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Wear respiratory protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
IF ON SKIN: Wash with plenty of water
Immediately call a POISON CENTER or doctor/physician
Remove/Take off immediately all contaminated clothing
Wash contaminated clothing before reuse
If skin irritation occurs: Get medical advice/attention
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Rinse mouth

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight %
Zinc Cyanide	557-21-1	100

4. FIRST AID MEASURES

First aid measures

- General Advice:** National Capital Poison Center in the United States can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. First aider needs to protect himself.
- Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention.
- Eye Contact:** Flush eyes with water for 15 minutes. Get medical attention.
- Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. **WARNING!** It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled or ingested material is toxic, infectious or corrosive. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Immediate medical attention is required.
- Ingestion:** Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Fatal if swallowed. Immediate medical attention is required. Call a physician or Poison Control Center immediately.

Most important symptoms and effects, both acute and delayed

- Symptoms**
- Causes skin irritation
 - Moderately irritating to the skin
 - Causes serious eye irritation
 - Moderately irritating to the eyes
 - May cause nausea and vomiting
 - Bitter almond odor from mouth
 - Bitter or almond taste
 - Central nervous system effects
 - Dizziness
 - Headache
 - Confusion
 - Convulsions
 - May cause cardiovascular effects
 - Weak, rapid pulse or rapid heart rate (Tachycardia)
 - Bradycardia
 - May cause cyanosis
 - Dyspnea (Shortness of breath and difficulty breathing)
 - Respiratory arrest
 - Unconsciousness

Indication of any immediate medical attention and special treatment needed

- Notes to Physician:** Antidote: Always have a Cyanide Antidote Kit (Package) when working with cyanide compounds. Get medical advice on how to use it and when it should be used. If cyanide gas is inhaled, break an Amyl nitrate pearl in a cloth and hold it lightly under the nose for 15 seconds. Repeat 5 times at about 15 second intervals. Use artificial respiration if breathing has stopped. If cyanide is swallowed, use Amyl nitrate as previously stated for 15 seconds. Nithidote Kit or Hydroxocobalamin (Cyanokit) are alternate approved treatments. Oxygen therapy may be useful in combination with the above.

Protection of first-aiders

First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media:

The product is not flammable. If it is involved in a fire, extinguish the fire using an agent suitable for the type of surrounding fire.

Unsuitable Extinguishing Media:

No information available.

Specific hazards arising from the chemical

Hazardous Combustion Products:

If it is involved in a fire the following can be released: cyanide. Hydrogen cyanide. Zinc. Zinc oxides. Nitrogen Oxides.

Specific hazards:

This material is an inorganic dust/powder and will not create nor support conditions that would result in a dust explosion or fire.

Special Protective Actions for Firefighters

Specific Methods:

No information available.

Special Protective Equipment for Firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions:

Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid dust formation. Avoid breathing dust.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for containment

Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading.

Methods for cleaning up

Sweep up and shovel into suitable containers for disposal. Avoid creating dust. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Technical Measures/Precautions:

Provide sufficient air exchange and/or exhaust in work rooms. Avoid dust formation. Keep away from incompatible materials.

Safe Handling Advice

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not ingest. Do not breathe vapors/dust. Avoid dust formation. Keep away from heat and sources of ignition. Handle in accordance with good

industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Technical Measures/Storage Conditions:

Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials.

Incompatible Materials:

- Acids
- Magnesium
- Carbon dioxide
- Oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

National occupational exposure limits

United States

Components	CAS-No.	OSHA	NIOSH	ACGIH	AIHA WEEL
Zinc Cyanide	557-21-1	5 mg/m ³ TWA (as CN)(cyanide compounds)	25 mg/m ³ IDLHs (Immediately Dangerous to Health) (except Hydrogen cyanide, as CN)(cyanide compounds)	None	None

Canada

Components	CAS-No.	Canada - Alberta	Canada - British Columbia	Canada - Ontario	Canada - Quebec
Zinc Cyanide	557-21-1	None	None	None	None

Australia and Mexico

Components	CAS-No.	Australia	Mexico
Zinc Cyanide	557-21-1	None	None

Appropriate engineering controls

Engineering measures to reduce exposure:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Individual protection measures, such as personal protective equipment

Personal Protective Equipment

Eye protection: Safety glasses with side-shields or Goggles

Skin and body protection: Long sleeved clothing
Chemical resistant apron

Gloves

Respiratory protection: Wear respirator with dust filter. Be sure to use an approved/certified respirator or equivalent.

Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid	Appearance: Powder.	Color: White.
Odor: Faint odor of bitter almonds.	Taste Usually tasteless. However a bitter, acrid, and burning taste is sometimes noted.	Formula: Zn(CN) ₂
Molecular/Formula weight: 117.42	Flammability: No information available	Flashpoint (°C/°F): No information available.
Flash Point Tested according to: Not available	Autoignition Temperature (°C/°F): No information available	Lower Explosion Limit (%): No information available
Upper Explosion Limit (%): No information available	Melting point/range(°C/°F): 800 °C/1472 °F	Decomposition temperature(°C/°F): 800 °C/1472 °F
Boiling point/range(°C/°F): No information available	Bulk density: No information available	Density (g/cm³): No information available
Specific gravity: 1.852	pH: No information available	Vapor pressure @ 20°C (kPa): No information available
Evaporation rate: No information available	Vapor density: No information available	VOC content (g/L): No information available
Odor threshold (ppm): No information available	Partition coefficient (n-octanol/water): No information available	Viscosity: No information available
Miscibility: No information available	Solubility: Practically insoluble in water Insoluble in Alcohol	

10. STABILITY AND REACTIVITY

Reactivity

Reactive with oxidizing agents

Reactive with acids

Fusion of mixtures of metal cyanides with metal chlorates, perchlorated or nitrates causes a violent explosion

Contact with acids and acid salts causes immediate formation of toxic and flammable hydrogen cyanide gas

Violent explosion occurs if cyanide salt is melted with nitrite salt

Chemical stability

Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur

Conditions to avoid: Avoid dust formation. Exposure to water. Exposure to water vapour. Incompatible materials.

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Incompatible Materials: Acids
Magnesium
Carbon dioxide
Oxidizing agents

Hazardous decomposition products: Hydrogen cyanide (hydrocyanic acid). Nitrogen oxides (NOx).

Other Information
Corrosivity: No information available

Special Remarks on Corrosivity: No information available

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Principal Routes of Exposure:
Skin. Ingestion. Inhalation.

Acute Toxicity

Component Information

Zinc Cyanide

CAS-No. 557-21-1

LD50/oral/rat = 54 mg/kg Oral LD50 Rat
LD50/oral/mouse = No information available
LD50/dermal/rabbit = No information available
LD50/dermal/rat = No information available
LC50/inhalation/rat = No information available
LC50/inhalation/mouse = No information available
Other LD50 or LC50 information = No information available

Product Information

LD50/oral/rat =
VALUE- Acute Tox Oral = 54 mg/kg

LD50/oral/mouse =
Value - Acute Tox Oral = No information available

LD50/dermal/rabbit
VALUE-Acute Tox Dermal = No information available

LD50/dermal/rat
VALUE -Acute Tox Dermal = No information available

LC50/inhalation/rat
VALUE-Vapor = No information available
VALUE-Gas = No information available
VALUE-Dust/Mist = No information available

LC50/Inhalation/mouse
VALUE-Vapor = No information available

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VALUE - Gas = No information available
VALUE - Dust/Mist = No information available

Symptoms

Skin Contact: Fatal if absorbed through skin. Causes skin irritation.

Eye Contact: Causes serious eye irritation. Moderately irritating to the eyes.

Inhalation Fatal if inhaled. May cause irritation of respiratory tract. May cause dizziness and headache. May cause confusion. May cause increased heart rate (tachycardia). May cause dyspnea (difficulty breathing or shortness of breath). May affect respiration (tachypnea, irregular stridulous breathing). May even cause unconsciousness and death. May cause flushing of the face. It may affect behavior/central nervous system (convulsions/seizures). May cause cyanosis.

Ingestion Toxic if swallowed. Ingestion may cause nausea, vomiting. Causes salivation. May cause excessive sweating. May affect respiration (dyspnea, respiratory depression). May affect the cardiovascular system (weak rapid pulse, tachycardia). May affect the cardiovascular system (slow heart rate (bradycardia)). May affect behavior/central nervous system (convulsions/seizures). May cause cyanosis.

Ingestion: Massive doses may produce, without warning, sudden loss of consciousness and prompt death from respiratory arrest. With smaller, but still lethal doses, illness may be prolonged for 1 or more hours. Upon ingestion, a bitter, acrid, burning taste is sometimes noted, followed by a feeling of constriction or numbness in the throat. Respirations become very rapid and then slow and irregular. Inspiration is characteristically short while expiration is greatly prolonged. The odor of bitter almonds may be noted on the breath or vomitus. A bright pink coloration of the skin due to high concentrations of oxyhemoglobin may be confused with carbon monoxide poisoning. Pupils are dilated and unresponsive. Cyanosis is not prominent. Respiratory arrest can cause death.

Aspiration hazard No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic Toxicity Prolonged or repeated skin contact may cause dermatitis. Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness. Chronic or long-term exposure may cause headache and dizziness. May cause a bitter or almond taste to develop. May affect the thyroid (thyroid enlargement without symptoms of thyroid dysfunction). Chronic or excessive exposure to cyanide may result in psychosis.

Sensitization: No information available.

Mutagenic Effects: No information available

Carcinogenic effects: Not considered carcinogenic.

Components	CAS-No.	IARC	ACGIH - Carcinogens	NTP	OSHA HCS - Carcinogens	Australia - Notifiable Carcinogenic Substances	Australia - Prohibited Carcinogenic Substances
Zinc Cyanide	557-21-1	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

ACGIH (American Conference of Governmental Industrial Hygienists)

IARC (International Agency for Research on Cancer)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

Reproductive toxicity No data is available
Reproductive Effects: No information available
Developmental Effects: No information available
Teratogenic Effects: No information available

Specific Target Organ Toxicity

STOT - single exposure No information available.
STOT - repeated exposure No information available.
Target Organs: No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects: No data available.
Persistence and degradability: No information available
Bioaccumulative potential: No information available.
Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Waste from residues / unused products:
Waste must be disposed of in accordance with Federal, State and Local regulation.

Contaminated packaging:
Empty containers should be taken for local recycling, recovery or waste disposal

Components	CAS-No.	RCRA - F Series Wastes	RCRA - K Series Wastes	RCRA - P Series Wastes	RCRA - U Series Wastes
Zinc Cyanide	557-21-1	None	None	P121	None

14. TRANSPORT INFORMATION

DOT
UN-No: UN1713
Proper Shipping Name: Zinc cyanide
Hazard Class: 6.1
Subsidiary Class No information available
Packing group: I
Emergency Response Guide Number 151
Marine Pollutant No data available
DOT RQ (lbs): No information available
Special Provisions IB7, IP1, T6, TP33

Product code: Z1066

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Symbol(s): No information available
Description: UN1713, Zinc cyanide, 6.1, I

TDG (Canada)
UN-No: UN1713
Proper Shipping Name: Zinc cyanide
Hazard Class: 6.1
Subsidiary Risk: No information available
Packing Group: I
Marine Pollutant Description: No Information available
UN1713, Zinc cyanide, 6.1, I

ADR
UN-No: UN1713
Proper Shipping Name: Zinc cyanide
Hazard Class: 6.1
Packing Group: I
Subsidiary Risk: No information available
Description: UN1713, Zinc cyanide, 6.1, I, ENVIRONMENTALLY HAZARDOUS

IMO / IMDG
UN-No: UN1713
Proper Shipping Name: Zinc cyanide
Hazard Class: 6.1
Subsidiary Risk: No information available
Packing Group: I
Marine Pollutant Description: No information available
EMS: F-A
Description: UN1713, Zinc cyanide, 6.1, I, Marine pollutant

RID
UN-No: UN1713
Proper Shipping Name: Zinc cyanide
Hazard Class: 6.1
Subsidiary Risk: No information available
Packing Group: I
Description: UN1713, Zinc cyanide, 6.1, I, ENVIRONMENTALLY HAZARDOUS

ICAO
UN-No: UN1713
Proper Shipping Name: Zinc cyanide
Hazard Class: 6.1
Subsidiary Risk: No information available
Packing Group: I
Description: UN1713, Zinc cyanide, 6.1, I

IATA
UN-No: UN1713
Proper Shipping Name: Zinc cyanide
Hazard Class: 6.1
Subsidiary Risk: No information available
Packing Group: I
ERG Code: 6L
Special Provisions Description: No information available
UN1713, Zinc cyanide, 6.1, I

15. REGULATORY INFORMATION

International Inventories

Product code: Z1066

Product name: ZINC CYANIDE,
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Components	CAS-No.	U.S. TSCA	KOREA KECL	Philippines (PICCS)	Japan ENCS	CHINA	Australia (AICS)	EINECS-No.
Zinc Cyanide	557-21-1	Present	Present KE-35540	Present	Present (1)-163	Present	Present	Present 209-162-9

U.S. Regulations

Zinc Cyanide

Massachusetts RTK: Present
New Jersey RTK Hazardous Substance List: sn 2032
New Jersey (EHS) List: SN 2308 500 lb. TPQ (cyanide compounds)
New Jersey - Discharge Prevention - List of Hazardous Substances: Present
Pennsylvania RTK: Environmental hazard
Pennsylvania RTK - Environmental Hazard List Present
New York Release Reporting - List of Hazardous Substances:
 10 lb RQ
Louisiana Reportable Quantity List for Pollutants: Listed
California Directors List of Hazardous Substances: Present

California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986.

Chemicals Known to the State of California to Cause Cancer:

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

Chemicals Known to the State of California to Cause Reproductive Toxicity:

⚠️ WARNING: This product can expose you to chemicals including (see table below) which is (are) known to the State of California to cause birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Components	CAS-No.	Carcinogen	Developmental Toxicity	Male Reproductive Toxicity	Female Reproductive Toxicity:
Zinc Cyanide	557-21-1	Not Listed	Not Listed	male reproductive toxicity (Hydrogen cyanide (HCN) and male --- July 5, 2013 cyanide salts (CN salts))	Not Listed

CERCLA/SARA

Components	CAS-No.	CERCLA - Hazardous Substances and their Reportable Quantities	Section 302 Extremely Hazardous Substances and TPQs	Section 302 Extremely Hazardous Substances and RQs	Section 313 - Chemical Category	Section 313 - Reporting de minimis
Zinc Cyanide	557-21-1	10 lb final RQ 4.54 kg final RQ	None	None	Zinc compounds and Cyanide compounds	1.0%

U.S. TSCA

Components	CAS-No.	TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)	TSCA 8(d) -Health and Safety Reporting
Zinc Cyanide	557-21-1	Not Applicable	Not Applicable

Canada

WHMIS 2015 - GHS Classifications

WHMIS 2015 Hazard Classification Information:

Component

WHMIS 2015 Hazard Classification

Product code: Z1066

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Zinc Cyanide
557-21-1 (100)

Acute toxicity - Oral - Category 3: H301 Toxic if swallowed.; Acute toxicity - Inhalation - Category 2: H330 Fatal if inhaled.

Canada Hazardous Products Regulation This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR

WHMIS 1988 Hazard Class
D1A Very toxic materials

Components
Zinc Cyanide

WHMIS 1988
D1A

Canada Controlled Products Regulation:

This product has been classified according to the hazard criteria of the CPR (Controlled Products Regulation) and the MSDS contains all of the information required by the CPR.

Components	WHMIS Ingredient Disclosure List -
Zinc Cyanide	1 %

Inventory

Components	CAS-No.	Canada (DSL)	Canada (NDSL)
Zinc Cyanide	557-21-1	Present	Not Listed

Components	CAS-No.	CEPA Schedule I - Toxic Substances
Zinc Cyanide	557-21-1	Not listed
Components	CAS-No.	CEPA - 2010 Greenhouse Gases Subject to Mandatory Reporting
Zinc Cyanide	557-21-1	Not listed

EU Classification

EU GHS - SV - CLP 1272/2008

Components	CAS-No.	EU GHS - SV - CLP (1272/2008)
Zinc Cyanide	557-21-1	Acute toxicity - Oral - Acute Tox. 2: H300 Fatal if swallowed. (Minimum classification, except Complex cyanides such as Ferrocyanides, Ferricyanides and Mercuric oxycyanide, and those specified elsewhere in this Annex); Acute toxicity - Dermal - Acute Tox. 1: H310 Fatal in contact with skin. (except Complex cyanides such as Ferrocyanides, Ferricyanides, Mercuric oxycyanide, and those specified elsewhere in this Annex); Acute toxicity - Inhalation - Acute Tox. 2: H330 Fatal if inhaled. (Minimum classification, except Complex cyanides such as Ferrocyanides, Ferricyanides, Mercuric oxycyanide, and those specified elsewhere in this Annex); Hazardous to aquatic environment - acute hazard - Aquatic Acute 1: H400 Very toxic to aquatic life. (except complex cyanides such as Ferrocyanides, Ferricyanides, Mercuric oxycyanide and those specified elsewhere in this Annex); Hazardous to aquatic environment - chronic hazard - Aquatic Chronic 1: H410 Very toxic to aquatic life with

		long lasting effects. (except complex cyanides such as Ferrocyanides, Ferricyanides, Mercuric oxycyanide and those specified elsewhere in this Annex); Supplemental Hazards: EUH032 Contact with acids liberates very toxic gas.006-007-00-5(salts of hydrogen cyanide)
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EU - CLP (1272/2008)

R-phrase(s)

R32 - Contact with acids liberates very toxic gas.
R50 - Very toxic to aquatic organisms.
R53 - May cause long-term adverse effects in the aquatic environment.
R26/27/28 - Very toxic by inhalation, in contact with skin and if swallowed.

S -phrase(s)

S 7 - Keep container tightly closed.
S28 - After contact with skin, wash immediately with plenty of water
S29 - Do not empty into drains.
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S60 - This material and its container must be disposed of as hazardous waste.
S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.
S 1/2 - Keep locked up and out of the reach of children.

Components	CAS-No.	Classification	Concentration Limits:	Safety Phrases
Zinc Cyanide	557-21-1	T+; R26/27/28 R32 N; R50-53(except ferrocyanides, ferricyanides, mercuric oxycyanide and those specified elsewhere in the annex) (salts of hydrogen cyanide)	No information	S: (1/2)-7-28-29-45-60-61 (for salts of hydrogen cyanide)

The product is classified in accordance with Annex VI to Directive 67/548/EEC

Indication of danger:

T+ - Very toxic.
N - Dangerous for the environment.



16. OTHER INFORMATION

Preparation Date: 2/1/2018
Revision Date: 2/1/2018
Prepared by: Sonia Owen

Disclaimer: All chemicals may pose unknown hazards and should be used with caution. This

Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.

End of Safety Data Sheet