

SAFETY DATA SHEET

Singapore

Section 1. Identification

GHS product identifier

Lysis buffer type 10; part of 'Blood genomicPrep Mini Spin Kit, 250 purifications'

Catalogue Number

28-9042-65



Component Number

406173

Other means of identification

Not available.

Product type

Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Analytical chemistry.
Laboratory chemicals
Scientific research and development

Uses advised against

Reason

Supplier

Cytiva
Amersham Place
Little Chalfont
Buckinghamshire
HP7 9NA United Kingdom
+44 1494 508000

Cytiva Singapore
25 Tuas South Street 1
Singapore 638034

Emergency telephone number (with hours of operation)

+65 6863 6704
(hours of operation: 8.30 pm - 5.30 pm)

Section 2. Hazards identification

Classification of the substance or mixture

ACUTE TOXICITY (oral) - Category 4
SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
AQUATIC HAZARD (LONG-TERM) - Category 1

GHS label elements, including precautionary statements

Hazard pictograms



Signal word

Danger

Hazard statements

Harmful if swallowed.
Causes skin irritation.
Causes serious eye damage.
Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention

Wear protective gloves. Wear eye or face protection. Avoid release to the environment. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Response

Collect spillage. IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. 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.

Storage

Not applicable.



| | |
|--|---|
| Disposal | Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Other hazards which do not result in classification | None known. |

Section 3. Composition/information on ingredients

| | | | |
|---|-----------------|-------------------------------|--|
| Substance/mixture | Mixture | | |
| Other means of identification | Not available. | | |
| Chemical formula | Not applicable. | | |
| Ingredient name | % | Identifiers | |
| guanidinium chloride; guanadine hydrochloride | 66.87 | CAS: 50-01-1 EC: 200-002-3 | |
| Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy- | 4 | CAS: 9002-93-1 | |

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.

Section 4. First aid measures

Description of necessary first aid measures

| | |
|---------------------|---|
| Eye contact | Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. |
| Inhalation | Get medical attention immediately. Call a poison center or physician. 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. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| Skin contact | Get medical attention immediately. Call a poison center or physician. Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse. |
| Ingestion | Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |

Most important symptoms/effects, acute and delayed

Potential acute health effects

| | |
|---------------------|---|
| Eye contact | Causes serious eye damage. |
| Inhalation | No known significant effects or critical hazards. |
| Skin contact | Causes skin irritation. |
| Ingestion | Harmful if swallowed. |

Over-exposure signs/symptoms

| | |
|---------------------|--|
| Eye contact | Adverse symptoms may include the following: pain watering redness |
| Inhalation | No specific data. |
| Skin contact | Adverse symptoms may include the following: pain or irritation redness blistering may occur |
| Ingestion | Adverse symptoms may include the following: stomach pains |

Indication of immediate medical attention and special treatment needed, if necessary



| | |
|-----------------------------------|---|
| Notes to physician | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| Specific treatments | No specific treatment. |
| Protection of first-aiders | 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. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. |

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

| | |
|---|--|
| Suitable extinguishing media | Use an extinguishing agent suitable for the surrounding fire. |
| Unsuitable extinguishing media | None known. |
| Specific hazards arising from the chemical | In a fire or if heated, a pressure increase will occur and the container may burst. This material is very toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. |
| Hazardous thermal decomposition products | Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds |
| Special protective actions for fire-fighters | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| Special protective equipment 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. |

Section 6. Accidental release measures

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 spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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". |
| Environmental precautions | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage. |

Methods and materials for containment and cleaning up

| | |
|--------------------|---|
| Small spill | Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| Large spill | Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. |

Section 7. Handling and storage

Precautions for safe handling

| | |
|---|---|
| Protective measures | Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. 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. |
| 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. |

| | |
|---|---|
| Conditions for safe storage, including any incompatibilities | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, 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. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
|---|---|



Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

None.

Biological exposure indices

No exposure indices known.

Appropriate engineering controls If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

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

Individual protection measures

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Skin protection

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

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.

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

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

| | |
|---|-----------------------|
| Physical state | Liquid. |
| Color | Colorless. |
| Odor | Faint odor. Irritant. |
| Odor threshold | Not available. |
| pH | 7 |
| Melting point/freezing point | Not available. |
| Boiling point or initial boiling point and boiling range | Not available. |
| Flash point | Not applicable. |
| Burning time | Not applicable. |
| Burning rate | Not applicable. |
| Evaporation rate | Not available. |
| Flammability | Not available. |
| Lower and upper explosive (flammable) limits | Not available. |
| Vapor pressure | Not available. |

Vapor Pressure at 20°C

Vapor pressure at 50°C

| Ingredient name | mm Hg | kPa | Method | mm Hg | kPa | Method |
|-----------------|-------|-----|--------|-------|-----|--------|
|-----------------|-------|-----|--------|-------|-----|--------|



| | water | 17.5 | 2.3 | | | | | | |
|---|---|------|-----|-------|--------|------------|----------------|-----------|----------------|
| | Sorbitan monolaurate, ethoxylated | 0 | 0 | | | | | | |
| | Poly(oxy-1,2-ethanediyl), α -[4-(1,1,3,3-tetramethylbutyl)phenyl]- ω -hydroxy- | 0 | 0 | | | | | | |
| Relative vapor density | Not available. | | | | | | | | |
| Relative density | Not available. | | | | | | | | |
| Solubility(ies) | <table> <thead> <tr> <th>Media</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>cold water</td> <td>Easily soluble</td> </tr> <tr> <td>hot water</td> <td>Easily soluble</td> </tr> </tbody> </table> | | | Media | Result | cold water | Easily soluble | hot water | Easily soluble |
| Media | Result | | | | | | | | |
| cold water | Easily soluble | | | | | | | | |
| hot water | Easily soluble | | | | | | | | |
| Solubility in water | Not available. | | | | | | | | |
| Partition coefficient: n-octanol/water | Not applicable. | | | | | | | | |
| Auto-ignition temperature | Not available. | | | | | | | | |
| Decomposition temperature | Not available. | | | | | | | | |
| SADT | Not available. | | | | | | | | |
| Viscosity | <p>Dynamic (room temperature): Not available.</p> <p>Kinematic (room temperature): Not available.</p> <p>Kinematic (40°C (104°F)): Not available.</p> | | | | | | | | |
| Flow time (ISO 2431) | Not available. | | | | | | | | |
| Particle characteristics | | | | | | | | | |
| Median particle size | Not applicable. | | | | | | | | |

Section 10. Stability and reactivity

| | |
|---|--|
| Reactivity | No specific test data related to reactivity available for this product or its ingredients. |
| Chemical stability | The product is stable. |
| Possibility of hazardous reactions | Under normal conditions of storage and use, hazardous reactions will not occur. |
| Conditions to avoid | No specific data. |
| Incompatible materials | No specific data. |
| Hazardous decomposition products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SADT | Not available. |

Section 11. Toxicological information

Information on toxicological effects

| | |
|--|---|
| Acute toxicity | Result |
| Product/ingredient name | |
| guanidinium chloride; guanidine hydrochloride | Rat - Oral - LD50 475 mg/kg <u>Toxic effects:</u> Behavioral - Altered sleep time (including change in righting reflex) Behavioral - Excitement Gastrointestinal - Hypermotility, diarrhea |
| Poly(oxy-1,2-ethanediyl), α -[4-(1,1,3,3-tetramethylbutyl)phenyl]- ω -hydroxy- | Rabbit - Dermal - LD50 8000 mg/kg Rat - Oral - LD50 1800 mg/kg |

Conclusion/Summary [Product] Not available.

Skin corrosion/irritation

Not available.

Conclusion/Summary [Product] Not available.

Serious eye damage/eye irritation

Not available.

Conclusion/Summary [Product] Not available.

Respiratory corrosion/irritation



Not available.

Conclusion/Summary [Product] Not available.

Respiratory or skin sensitization

Not available.

Skin

Conclusion/Summary [Product] Not available.

Respiratory

Conclusion/Summary [Product] Not available.

Germ cell mutagenicity

Not available.

Conclusion/Summary [Product] Not available.

Carcinogenicity

Not available.

Conclusion/Summary [Product] Not available.

Reproductive toxicity

Not available.

Conclusion/Summary [Product] Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

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

Potential acute health effects

| | |
|---------------------|---|
| Eye contact | Causes serious eye damage. |
| Inhalation | No known significant effects or critical hazards. |
| Skin contact | Causes skin irritation. |
| Ingestion | Harmful if swallowed. |

Symptoms related to the physical, chemical and toxicological characteristics

| | |
|---------------------|--|
| Eye contact | Adverse symptoms may include the following: pain watering redness |
| Inhalation | No specific data. |
| Skin contact | Adverse symptoms may include the following: pain or irritation redness blistering may occur |
| Ingestion | Adverse symptoms may include the following: stomach pains |

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.

Long term exposure

Potential immediate effects Not available.

Potential delayed effects Not available.

Potential chronic health effects

Not available.

Conclusion/Summary [Product] Not available.

General No known significant effects or critical hazards.

Carcinogenicity No known significant effects or critical hazards.

Mutagenicity No known significant effects or critical hazards.

Reproductive toxicity No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

| Product/ingredient name | Oral (mg/kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapors) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|--|--------------|----------------|--------------------------|----------------------------|-------------------------------------|
| Lysis buffer type 10; part of 'Blood genomicPrep Mini Spin Kit, 250 purifications' | 699.3 | N/A | N/A | N/A | N/A |
| guanidinium chloride; guanadine hydrochloride | 475 | N/A | N/A | N/A | N/A |
| Poly(oxy-1,2-ethanediyil), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy- | 1800 | 8000 | N/A | N/A | N/A |

Section 12. Ecological information

Toxicity

Product/ingredient name

Poly(oxy-1,2-ethanediyil), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-

Result

Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas*
Age: 2 to 3 months; Size: 16 mm; Weight: 0.039 g
4500 µg/l [96 hours]

Effect: Mortality

Acute - LC50 - Fresh water

Crustaceans - Water flea - *Ceriodaphnia rigaudi* - Neonate
Age: 24 hours
5.85 mg/l [48 hours]

Effect: Mortality

Chronic - NOEC - Fresh water

OECD
Fish - Eastern mosquitofish - *Gambusia holbrooki*
Weight: 0.14 g
0.004 mg/l [28 days]

Effect: Enzymes

Conclusion/Summary [Product] Not available.

Persistence/degradability

Not available.

Conclusion/Summary [Product] Not available.

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|---|-------------------|------------|------------------|
| guanidinium chloride; guanadine hydrochloride | - | - | Not readily |

Bioaccumulative potential

| Product/ingredient name | LogP _{ow} | BCF | Potential |
|---|--------------------|-----|-----------|
| guanidinium chloride; guanadine hydrochloride | -1.7 | - | Low |

Mobility in soil

Soil/Water partition coefficient Not available.

Other adverse effects No known significant effects or critical hazards.



Section 13. Disposal considerations

| | |
|-------------------------|--|
| Disposal methods | The generation of waste should be avoided or minimized wherever possible. 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 local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |
|-------------------------|--|

Section 14. Transport information

| | UN | IMDG | IATA |
|------------------|----------------|----------------|----------------|
| UN number | Not regulated. | Not regulated. | Not regulated. |

| | | | |
|--------------------------------|---|---|---|
| UN proper shipping name | - | - | - |
|--------------------------------|---|---|---|

| | | | |
|-----------------------------------|---|---|---|
| Transport hazard class(es) | - | - | - |
|-----------------------------------|---|---|---|

| | | | |
|----------------------|---|---|---|
| Packing group | - | - | - |
|----------------------|---|---|---|

| | | | |
|------------------------------|-----|-----|-----|
| Environmental hazards | No. | No. | No. |
|------------------------------|-----|-----|-----|

| | | | |
|-------------------------------|---|---|---|
| Additional information | - | - | - |
|-------------------------------|---|---|---|

| | ADR/RID | ADN |
|--|----------------|------------|
|--|----------------|------------|

| | | |
|------------------|----------------|----------------|
| UN number | Not regulated. | Not regulated. |
|------------------|----------------|----------------|

| | | |
|--------------------------------|---|---|
| UN proper shipping name | - | - |
|--------------------------------|---|---|

| | | |
|-----------------------------------|---|---|
| Transport hazard class(es) | - | - |
|-----------------------------------|---|---|

| | | |
|----------------------|---|---|
| Packing group | - | - |
|----------------------|---|---|

| | | |
|------------------------------|-----|-----|
| Environmental hazards | No. | No. |
|------------------------------|-----|-----|

| | | |
|-------------------------------|---|---|
| Additional information | - | - |
|-------------------------------|---|---|

| | |
|-------------------------------------|---|
| Special precautions for user | Transport within user's premises: 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. |
|-------------------------------------|---|

| | |
|---|----------------|
| Transport in bulk according to IMO instruments | Not available. |
|---|----------------|



Section 15. Regulatory information

Singapore - hazardous chemicals under government control

None.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

International lists

National inventory

| | |
|-------------------------|--|
| United States | All components are active or exempted. |
| Canada inventory | All components are listed or exempted. |
| China | All components are listed or exempted. |
| Japan | Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined. |

Section 16. Other information

History

| | |
|---------------------------------------|-----------------------|
| Date of printing | 20 February 2026 |
| Date of issue/Date of revision | 20 February 2026 |
| Date of previous issue | 28 July 2025. |
| Version | 6.03 |
| | sds_author@cytiva.com |

| | |
|-----------------------------|---|
| Key to abbreviations | ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available UN = United Nations |
|-----------------------------|---|

Procedure used to derive the classification

| | Classification | Justification |
|---|-----------------------|----------------------|
| ACUTE TOXICITY (oral) - Category 4 | | Calculation method |
| SKIN CORROSION/IRRITATION - Category 2 | | Calculation method |
| SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 | | Calculation method |
| AQUATIC HAZARD (LONG-TERM) - Category 1 | | Calculation method |

| | |
|-------------------|----------------|
| References | Not available. |
|-------------------|----------------|

 Indicates information that has changed from previously issued version.

Notice to reader

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.

