

### SAFETY DATA SHEET

### TestOxidase™ Reagent

### **Section 1. Identification**

**GHS** product identifier

: TestOxidase™ Reagent

Other means of identification

: Not available.

Trade name

Code: TestOxidase™ ReagentPL.390TestOxidase™ ReagentPL.390-125

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

**Identified uses** 

: TestOxidase™ Reagent is a qualitative method for the determination of bacterial

cytochrome oxidase.

Supplier's details

: Pro-Lab Diagnostics 20 Mural Street, Unit 4 Richmond Hill, ON Canada L4B 1K3 Tel: +1-905-731-0300 Fax: +1-905-731-0206 www.pro-lab.com

Emergency telephone number (with hours of operation) : 905-731-0300 –Monday to Friday 8:30 am to 5:00 pm Eastern Standard Time.

416-230-0692 -Outside the above hours.

### Section 2. Hazards identification

**OSHA/HCS** status

: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture

: FLAMMABLE LIQUIDS - Category 2 EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) -

Category 3

**GHS label elements** 

Hazard pictograms





Signal word : Danger

**Hazard statements** : H225 - Highly flammable liquid and vapor.

H319 - Causes serious eye irritation.

H317 - May cause an allergic skin reaction. H336 - May cause drowsiness or dizziness.

**Precautionary statements** 





### Section 2. Hazards identification

#### Prevention

: P280 - Wear protective gloves. Wear eye or face protection.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 - Use explosion-proof electrical, ventilating, lighting and all material-handling equipment.

P242 - Use only non-sparking tools.

P243 - Take precautionary measures against static discharge.

P233 - Keep container tightly closed.

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

P261 - Avoid breathing vapor.

P264 - Wash hands thoroughly after handling.

P272 (OSHA) - Contaminated work clothing must not be allowed out of the workplace.

Response

P304 + P340 + P312 - IF INHALED: Remove person to fresh air and keep comfortable

for breathing. Call a POISON CENTER or physician if you feel unwell.

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated

clothing. Rinse skin with water or shower.

P302 + P352 + P363 - IF ON SKIN: Wash with plenty of soap and water. Wash

contaminated clothing before reuse.

P333 + P313 - If skin irritation or rash 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** 

P403 - Store in a well-ventilated place.

P235 - Keep cool.

Disposal

: P501 - Dispose of contents and container in accordance with all local, regional, national

and international regulations.

Other hazards which do not : None known. result in classification/

HHNOC/PHNOC

### Section 3. Composition/information on ingredients

Substance/mixture

Other means of identification

: Mixture

: Not available.

#### **CAS** number/other identifiers

**CAS** number : Not applicable.

Ingredient name	%	CAS number
Isopropyl Alcohol	≥75 - ≤90	67-63-0
Tin dichloride	<0.25	7772-99-8

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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 : Immediately flush 6

: 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 20

minutes. Get medical attention.

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. If unconscious, place in recovery position and get medical attention immediately. Maintain

an open airway. Get medical attention if symptoms occur.

**Skin contact**: Wash with plenty of soap and water. Wash contaminated clothing thoroughly with water

before removing it, or wear gloves. Continue to rinse for at least 20 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure.

Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion : Wash out mouth with water. 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. Never give anything by mouth to an unconscious person. Get

medical attention if symptoms occur.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

**Eye contact** : Causes serious eye irritation.

Inhalation : Can cause central nervous system (CNS) depression. May cause drowsiness or

dizziness.

**Skin contact**: May cause an allergic skin reaction.

**Ingestion**: Can cause central nervous system (CNS) depression.

### Over-exposure signs/symptoms

**Eye contact**: Adverse symptoms may include the following:

pain or irritation watering redness

**Inhalation** : Adverse symptoms may include the following:

nausea or vomiting

headache

drowsiness/fatigue dizziness/vertigo unconsciousness

**Skin contact**: Adverse symptoms may include the following:

irritation redness

**Ingestion**: No known significant effects or critical hazards.

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

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large

quantities have been ingested or inhaled.

**Specific treatments**: No specific treatment.



### Section 4. First aid measures

#### 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 dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing** media

: Do not use water jet or water-based fire extinguishers.

Specific hazards arising from the chemical

**Hazardous thermal** decomposition products : Highly flammable liquid and vapor.

: Decomposition products may include the following materials: carbon dioxide

carbon monoxide

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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**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

: Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing 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 nonemergency 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).

### Methods and materials for containment and cleaning up

Spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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. 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.





### Section 7. Handling and storage

#### **Precautions for safe handling**

#### **Protective measures**

: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. 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. 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 a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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. Store at 15°C to 30°C.

### Section 8. Exposure controls/personal protection

### **Control parameters**

#### **United States**

#### Occupational exposure limits

Ingredient name	<b>Exposure limits</b>	
Isopropyl Alcohol	ACGIH TLV (United States, 3/2016).	
	TWA: 200 ppm 8 hours.	
	STEL: 400 ppm 15 minutes.	
	NIOSH REL (United States, 10/2013).	
	TWA: 400 ppm 10 hours.	
	TWA: 980 mg/m³ 10 hours.	
	STEL: 500 ppm 15 minutes.	
	STEL: 1225 mg/m³ 15 minutes.	
	OSHA PEL (United States, 6/2016).	
	TWA: 400 ppm 8 hours.	
	TWA: 980 mg/m³ 8 hours.	
Tin dichloride	ACGIH TLV (United States, 3/2016).	
	TWA: 2 mg/m³, (as Sn) 8 hours.	
	NIOSH REL (United States, 10/2013).	
	TWA: 2 mg/m³, (as Sn) 10 hours.	
	OSHA PEL (United States, 6/2016).	
	TWA: 2 mg/m³, (as Sn) 8 hours.	

### **Canada**

Occupational exposure limits





### Section 8. Exposure controls/personal protection

Ingredient name	Exposure limits
Isopropyl Alcohol	CA Alberta Provincial (Canada, 4/2009).  15 min OEL: 984 mg/m³ 15 minutes.  8 hrs OEL: 200 ppm 8 hours.  15 min OEL: 400 ppm 15 minutes.  8 hrs OEL: 492 mg/m³ 8 hours.  CA British Columbia Provincial (Canada, 7/2016).  TWA: 200 ppm 8 hours.  STEL: 400 ppm 15 minutes.  CA Ontario Provincial (Canada, 7/2015).  TWA: 200 ppm 8 hours.  STEL: 400 ppm 15 minutes.  CA Quebec Provincial (Canada, 1/2014).  TWAEV: 400 ppm 8 hours.  STEV: 500 ppm 15 minutes.  STEV: 500 ppm 15 minutes.  STEV: 1230 mg/m³ 15 minutes.  CA Saskatchewan Provincial (Canada, 7/2013).  STEL: 400 ppm 15 minutes.  TWA: 200 ppm 8 hours.
Tin dichloride	CA Alberta Provincial (Canada, 4/2009).  8 hrs OEL: 2 mg/m³, (as Sn) 8 hours.  CA British Columbia Provincial (Canada, 7/2016).  TWA: 2 mg/m³, (as Sn) 8 hours.  CA Quebec Provincial (Canada, 1/2014).  TWAEV: 2 mg/m³, (as Sn) 8 hours.  CA Ontario Provincial (Canada, 7/2015).  TWA: 2 mg/m³, (as Sn) 8 hours.  CA Saskatchewan Provincial (Canada, 7/2013).  STEL: 4 mg/m³, (measured as Sn) 15 minutes.  TWA: 2 mg/m³, (measured as Sn) 8 hours.

# Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

## **Environmental exposure** controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

### **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. Contaminated work clothing should not be allowed out of the workplace. 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.

# 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.



### Section 8. Exposure controls/personal protection

**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. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

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. [Cloudy.]

Color : Colorless, cloudy or very light tan.

Odor Not available. **Odor threshold** Not available.

рH 4.5

**Melting point** : Not available. **Boiling point** : 82.5°C (180.5°F)

Flash point : Closed cup: 18.3°C (64.9°F)

: Not available. **Evaporation rate** 

Flammability (solid, gas) : Flammable in the presence of the following materials or conditions: open flames, sparks

and static discharge.

Slightly flammable in the presence of the following materials or conditions: heat.

Lower and upper explosive

(flammable) limits

: Not available.

Vapor pressure Not available. Vapor density : Not available. Relative density Not available. Not available. Solubility Partition coefficient: n-

octanol/water

Not available.

**Auto-ignition temperature** Not available. **Decomposition temperature** : Not available. : Not available. **Viscosity** 

### 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.





### Section 10. Stability and reactivity

Conditions to avoid

: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

**Incompatible materials** 

: Reactive or incompatible with the following materials: oxidizing materials.

Hazardous decomposition products

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### **Section 11. Toxicological information**

### Information on toxicological effects

### **Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Isopropyl Alcohol	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-
Tin dichloride	LD50 Oral	Rat	700 mg/kg	-

### **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
Isopropyl Alcohol	Eyes - Moderate irritant	Rabbit	-	24 hours 100 mg	-
	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Eyes - Severe irritant	Rabbit	-	100 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-

### **Sensitization**

There is no data available.

#### **Mutagenicity**

There is no data available.

### **Carcinogenicity**

There is no data available.

### Reproductive toxicity

There is no data available.

#### **Teratogenicity**

There is no data available.

#### Specific target organ toxicity (single exposure)

Name		Route of exposure	Target organs
Isopropyl Alcohol Tin dichloride	0 )		Narcotic effects Respiratory tract irritation

### Specific target organ toxicity (repeated exposure)

Name	• •	Route of exposure	Target organs
Tin dichloride	Category 2	Oral	cardiovascular system

### **Aspiration hazard**

There is no data available.

Information on the likely routes of exposure

: Dermal contact. Eye contact. Inhalation. Ingestion.

### Potential acute health effects





### **Section 11. Toxicological information**

**Eye contact** : Causes serious eye irritation.

Inhalation : Can cause central nervous system (CNS) depression. May cause drowsiness or

dizziness.

**Skin contact**: May cause an allergic skin reaction.

Ingestion : Can cause central nervous system (CNS) depression.

#### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact**: Adverse symptoms may include the following:

pain or irritation watering redness

**Inhalation** : Adverse symptoms may include the following:

nausea or vomiting

headache

drowsiness/fatigue dizziness/vertigo unconsciousness

**Skin contact**: Adverse symptoms may include the following:

irritation redness

Ingestion : No known significant effects or critical hazards.

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

**Short term exposure** 

**Potential immediate** 

effects

: No known significant effects or critical hazards.

Potential delayed effects

leffects: No known significant effects or critical hazards.

Long term exposure

**Potential immediate** 

: No known significant effects or critical hazards.

effects

**Potential delayed effects**: No known significant effects or critical hazards.

### Potential chronic health effects

General : Once sensitized, a severe allergic reaction may occur when subsequently exposed to

very low levels.

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**

### **Acute toxicity estimates**

Route	ATE value
Oral	6250.6 mg/kg





### Section 12. Ecological information

### **Toxicity**

Product/ingredient name	Result	Species	Exposure
Isopropyl Alcohol	Acute EC50 10100 mg/L Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 1400000 µg/L Marine water	Crustaceans - Crangon crangon	48 hours
	Acute LC50 4200 mg/L Fresh water	Fish - Rasbora heteromorpha	96 hours
Tin dichloride	Acute EC50 200 μg/Ľ Marine water	Algae - Thalassiosira pseudonana - Exponential growth phase	72 hours
	Acute EC50 50.75 mg/L Fresh water Acute LC50 19500 μg/L Fresh water	Crustaceans - Cypris subglobosa Daphnia - Daphnia magna	48 hours 48 hours

#### Persistence and degradability

There is no data available.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Isopropyl Alcohol	0.05	-	low

#### **Mobility in soil**

Soil/water partition coefficient (Koc)

: There is no data available.

Mobility

There is no data 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 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 empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### **Section 14. Transport information**

	DOT	TDG	IMDG	IATA
UN number	UN1219	UN1219	UN1219	UN1219
UN proper shipping name	ISOPROPANOL	ISOPROPANOL	ISOPROPANOL	ISOPROPANOL



### **Section 14. Transport information**

Transport hazard class(es)	3	3	3	3
Packing group	II	II	II	II
Environmental hazards	No.	No.	No.	No.
Additional information	Remarks Limited Quantity Exemption	following sections of the Transportation of Dangerous	Emergency schedules F-E, S-D Remarks Limited Quantity Exemption	Remarks Limited Quantity Exemption

**AERG**: 129

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.

### **Section 15. Regulatory information**

U.S. Federal regulations : TSCA 8(a) CDR Exempt/Partial exemption: Not determined

United States inventory (TSCA 8b): All components are listed or exempted.

Clean Air Act Section 112

(b) Hazardous Air **Pollutants (HAPs)** 

Clean Air Act Section 602 : Not listed

Class I Substances

Clean Air Act Section 602

Class II Substances

: Not listed

**DEA List I Chemicals** 

(Precursor Chemicals)

**DEA List II Chemicals** 

(Essential Chemicals)

: Not listed

: Not listed

: Not listed

**SARA 302/304** 

Composition/information on ingredients

No products were found.

**SARA 304 RQ** : Not applicable.

**SARA 311/312** 

Classification : Fire hazard

Immediate (acute) health hazard

Composition/information on ingredients





### **Section 15. Regulatory information**

Name	%	hazard	Sudden release of pressure		(acute) health	Delayed (chronic) health hazard
Isopropyl Alcohol	≥75 - ≤90	Yes.	-	No.	Yes.	No.
Tin dichloride	<0.25	No.		No.	Yes.	Yes.

### **SARA 313**

There is no data available.

### **State regulations**

Massachusetts : The following components are listed: Isopropyl Alcohol

**New York** : None of the components are listed.

New Jersey : The following components are listed: Isopropyl Alcohol
Pennsylvania : The following components are listed: Isopropyl Alcohol

California Prop. 65

No products were found.

#### Canada

**Canadian lists** 

Canadian NPRI : The following components are listed: Isopropyl Alcohol

CEPA Toxic substances : None of the components are listed.Canada inventory : All components are listed or exempted.

### Section 16. Other information

#### Procedure used to derive the classification

Classification	Justification			
FLAMMABLE LIQUIDS - Category 2	On basis of test data			
EYE IRRITATION - Category 2A	Calculation method			
SKIN SENSITIZATION - Category 1	Calculation method			
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3	Calculation method			

### **History**

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Version : 7

Prepared by : KMK Regulatory Services Inc.

#### 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.

