



# SAFETY DATA SHEET

INGERSOLL RAND

Product name: Ingersoll Rand Techtrol Gold CL

Revision Date: 10.07.2024

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INGERSOLL RAND encourages and expects you to read and understand the entire (M)SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

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## SECTION 1: IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

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Product name: Ingersoll Rand Techtrol Gold CL

### Recommended use of the chemical and restrictions on use

**Identified uses:** Selection of the appropriate polyglycol product for a specific application requires knowledge of the fluid requirements of the application, awareness of the most important of these requirements, and a match-up with the properties of the various polyglycol materials. Polyglycol products can be formulated for use in numerous industry applications such as hydraulic fluids, quenchants, compressor and refrigeration lubricants, heat transfer fluids, machinery lubricants, solder assist fluids, metalworking lubricants, textile finishing, etc. We recommend that you use this product in a manner consistent with the listed use. If your intended use is not consistent with the stated use, please contact your sales or technical service representative.

### COMPANY IDENTIFICATION

INGERSOLL RAND  
525 HARBOUR PLACE DR. SUITE 600  
DAVIDSON, NC 28036  
USA

### Australian supplier's details

Company name of supplier : CAPS Australia Pty Ltd  
185 Planet Street  
Welshpool WA 6106  
Telephone : 1800 800 878  
Emergency telephone number : Australian Poison Emergency **13 11 26**

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## SECTION 2: HAZARD(S) IDENTIFICATION

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### GHS Classification

Reproductive toxicity - Category 2

### GHS label elements

Hazard pictograms



Signal word: **WARNING!**

**Hazard statements**

Suspected of damaging fertility.

**Precautionary statements****Prevention**

Obtain special instructions before use.

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

Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

**Response**

IF exposed or concerned: Get medical advice/ attention.

**Storage**

Store locked up.

**Disposal**

Dispose of contents and/or container to an approved waste disposal plant.

**Other hazards**

No data available

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**SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS, IN ACCORDANCE WITH SCHEDULE 8**

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This product is a mixture.

<b>Component</b>	<b>CASRN</b>	<b>Concentration</b>
Polypropylene glycol monobutyl ether	9003-13-8	> 60.0 - < 70.0 %
Synthetic polyol ester	Not available	> 25.0 - < 30.0 %
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	> 3.0 - < 7.0 %

Barium dinonyl-naphthalene  
sulfonate

25619-56-1

< 0.5 %

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## SECTION 4: FIRST AID MEASURES

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### Description of first aid measures

#### General advice:

If potential for exposure exists refer to Section 8 for specific personal protective equipment.

**Inhalation:** Move person to fresh air and keep comfortable for breathing; consult a physician.

**Skin contact:** Wash off with plenty of water.

**Eye contact:** Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

**Ingestion:** Rinse mouth with water. No emergency medical treatment necessary.

#### Most important symptoms and effects, both acute and delayed:

Suspected of damaging fertility.

#### Indication of any immediate medical attention and special treatment needed

**Notes to physician:** No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

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## SECTION 5: FIREFIGHTING MEASURES

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### Hazchem Code

None Allocated

### Extinguishing media

**Suitable extinguishing media:** Water fog or fine spray.. Dry chemical fire extinguishers.. Carbon dioxide fire extinguishers.. Foam.. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective..

**Unsuitable extinguishing media:** Do not use direct water stream.. May spread fire..

### Special hazards arising from the substance or mixture

**Hazardous combustion products:** During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating.. Combustion products may include and are not limited to:.. Nitrogen oxides.. Carbon monoxide.. Carbon dioxide..

**Unusual Fire and Explosion Hazards:** Container may rupture from gas generation in a fire situation.. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids..

### Advice for firefighters

**Fire Fighting Procedures:** Keep people away. Isolate fire and deny unnecessary entry.. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed.. Fight fire from protected location or safe distance. Consider the use of unmanned hose holders or monitor nozzles.. Immediately withdraw all personnel from the area in case of rising sound from venting safety device or discoloration of the container.. Do not use direct water stream. May spread fire.. Move container from fire area if this is possible without hazard.. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage..

**Special protective equipment for firefighters:** Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves).. If protective equipment is not available or not used, fight fire from a protected location or safe distance..

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**Personal precautions, protective equipment and emergency procedures:** Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection. Refer to section 7, Handling, for additional precautionary measures.

**Environmental precautions:** Material will float on water. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

**Methods and materials for containment and cleaning up:** Contain spilled material if possible. Collect in suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.

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## SECTION 7: HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

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**Precautions for safe handling:** No special precautions required. Do not use sodium nitrite or other nitrosating agents in formulations containing this product. Suspected cancer-causing nitrosamines could be formed. Spills of these organic materials on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

**Conditions for safe storage:** Store in the following material(s): 316 stainless steel. Carbon steel. Glass-lined container. Polypropylene. Polyethylene-lined container. Stainless steel. Teflon. This material may soften and lift certain paint and surface coatings. Use product promptly after opening. Store in original unopened container. Unopened containers of material stored beyond the recommended shelf life should be retested against the sales specifications before use. Additional storage and handling information on this product may be obtained by calling your sales or customer service contact.

### Storage stability

**Shelf life: Use within  
60 Month**

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Control parameters

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

Component	Regulation	Type of listing	Value
Barium dinonyl-naphthalene sulfonate	ACGIH	TWA	0.5 mg/m <sup>3</sup> , Barium
	Further information: eye irr: Eye irritation; muscular stim: Muscular stimulation; skin irr: Skin irritation; GI irr: Gastrointestinal irritation; A4: Not classifiable as a human carcinogen		
	AU OEL	TWA	0.5 mg/m <sup>3</sup> , Barium

### Exposure controls

**Engineering controls:** Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

### Individual protection measures

**Eye/face protection:** Use safety glasses (with side shields).

#### Skin protection

**Hand protection:** Use gloves chemically resistant to this material when prolonged or frequently repeated contact could occur. Use chemical resistant gloves classified under standard AS/NZS 2161.10: Protective gloves against chemicals and micro-organisms. Examples of preferred glove barrier materials include: Butyl rubber. Polyethylene. Ethyl vinyl alcohol laminate ("EVAL"). Examples of acceptable glove barrier materials include: Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyvinyl chloride ("PVC" or "vinyl"). When prolonged or frequently repeated contact may occur, a glove with a protection class of 4 or higher (breakthrough time greater than 120 minutes according to AS/NZS 2161.10) is recommended. When only brief contact is expected, a glove with a protection class of 1 or higher (breakthrough time greater than 10 minutes according to AS/NZS 2161.10) is recommended. **NOTICE:** The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

**Other protection:** When prolonged or frequently repeated contact could occur, use protective clothing chemically resistant to this material. Selection of specific items such as faceshield, boots, apron, or full-body suit will depend on the task.

**Respiratory protection:** Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator.

The following should be effective types of air-purifying respirators: Organic vapor cartridge.

**Other Information:** Selection and use of personal protective equipment should be in accordance with the recommendations in one or more of the relevant Australian/New Zealand Standards, including:

AS/NZS 1336: Eye and face protection – Guidelines.  
 AS/NZS 1337: Personal eye protection - Eye and face protectors for occupational applications.  
 AS/NZS 1715: Selection, use and maintenance of respiratory protective equipment.  
 AS/NZS 2161: Occupational protective gloves.  
 AS/NZS 2210: Occupational protective footwear.  
 AS/NZS 4501: Occupational protective clothing Set

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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### Appearance

<b>Physical state</b>	Liquid.
<b>Color</b>	Yellow to brown
<b>Odor</b>	Mild
<b>Odor Threshold</b>	No test data available
<b>pH</b>	8 - 10 <i>DOWM 101495</i> (16% in water/methanol, 1:10)
<b>Melting point/freezing point</b>	
<b>Melting point/range</b>	Not applicable to liquids
<b>Freezing point</b>	See Pour Point
<b>Boiling point, initial boiling point and boiling range</b>	
<b>Boiling point (760 mmHg)</b>	> 200 °C <i>Calculated.</i>
<b>Flash point</b>	<b>closed cup</b> 234 °C <i>ASTM D 93</i>
<b>Evaporation Rate (Butyl Acetate = 1)</b>	No test data available
<b>Flammability</b>	
<b>Flammability (solid, gas)</b>	Not applicable to liquids
<b>Flammability (liquids)</b>	Not expected to be a static-accumulating flammable liquid.
<b>Upper/lower flammability or explosive limits</b>	
<b>Lower explosion limit</b>	No test data available
<b>Upper explosion limit</b>	No test data available
<b>Vapor Pressure</b>	< 0.01 mmHg at 20 °C <i>ASTM E1719</i>
<b>Relative vapour density</b>	
<b>Relative Vapor Density (air = 1)</b>	No test data available
<b>Density and / or relative density</b>	
<b>Relative Density (water = 1)</b>	0.9850 at 25 °C / 25 °C <i>ASTM D941</i>
<b>Solubility(ies)</b>	
<b>Water solubility</b>	< 1 g/L at 20 °C <i>Measured</i>
<b>Partition coefficient: n-octanol/water (log value)</b>	No data available
<b>Auto-ignition temperature</b>	364 °C <i>ASTM E659</i>
<b>Decomposition temperature</b>	No test data available

<b>Kinematic Viscosity</b>	25 - 28 cSt at 37.8 °C ASTM D 445
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	No data available
<b>Liquid Density</b>	0.9826 g/cm <sup>3</sup> at 25 °C ASTM D941
<b>Pour point</b>	< 0 °C ASTM D97
<b>Particle characteristics</b>	
<b>Particle size</b>	No data available

NOTE: The physical data presented above are typical values and should not be construed as a specification.

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## SECTION 10: STABILITY AND REACTIVITY

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**Reactivity:** No data available

**Chemical stability:** Thermally stable at typical use temperatures.

**Possibility of hazardous reactions:** Polymerization will not occur.

**Conditions to avoid:** Exposure to elevated temperatures can cause product to decompose. Generation of gas during decomposition can cause pressure in closed systems.

**Incompatible materials:** Avoid contact with: Strong acids. Strong bases. Strong oxidizers.

**Hazardous decomposition products:** Decomposition products depend upon temperature, air supply and the presence of other materials.. Decomposition products can include and are not limited to: Aldehydes.. Alcohols.. Ethers.. Hydrocarbons.. Ketones.. Organic acids.. Polymer fragments..

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## SECTION 11: TOXICOLOGICAL INFORMATION

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*Toxicological information appears in this section when such data are available.*

### **Exposure routes**

Ingestion, Inhalation, Skin contact, Eye contact.

**Acute toxicity (represents short term exposures with immediate effects - no chronic/delayed effects known unless otherwise noted)**

#### **Acute Toxicity Endpoints:**

Not classified based on available information.

#### **Acute oral toxicity**

##### **Information for the Product:**

Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

As product: Single dose oral LD50 has not been determined.

For similar material(s):  
LD50, Rat, > 5,000 mg/kg

**Information for components:**

**Polypropylene glycol monobutyl ether**

Based on testing for product(s) in this family of materials: LD50, Rat, > 5,000 mg/kg

**Synthetic polyol ester**

Very low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause serious injury, even death.

Single dose oral LD50 has not been determined.

For similar material(s): LD50, Rat, > 2,000 mg/kg

**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**

LD50, Rat, male and female, > 5,000 mg/kg

**Barium dinonyl-naphthalene sulfonate**

For similar material(s): LD50, Rat, 1,750 mg/kg

**Acute dermal toxicity**

**Information for the Product:**

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

As product: The dermal LD50 has not been determined.

For similar material(s):  
LD50, Rabbit, > 2,000 mg/kg No deaths occurred at this concentration.

**Information for components:**

**Polypropylene glycol monobutyl ether**

Based on product testing: LD50, Rabbit, 12,806 mg/kg

**Synthetic polyol ester**

The dermal LD50 has not been determined.

For similar material(s): LD50, Rat, > 2,000 mg/kg

**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**

LD50, Rat, male and female, > 2,000 mg/kg No deaths occurred at this concentration.

**Barium dinonyl-naphthalene sulfonate**

For similar material(s): LD50, Rat, > 10,000 mg/kg

**Acute inhalation toxicity**

**Information for the Product:**

At room temperature, exposure to vapor is minimal due to low volatility; single exposure is not likely to be hazardous. For respiratory irritation and narcotic effects: No relevant data found.

As product: The LC50 has not been determined.

**Information for components:**

**Polypropylene glycol monobutyl ether**

At room temperature, exposure to vapor is minimal due to low volatility; single exposure is not likely to be hazardous. For respiratory irritation and narcotic effects: No relevant data found.

The LC50 has not been determined.

**Synthetic polyol ester**

The LC50 has not been determined.

For similar material(s): LC50, Rat, 4 Hour, Mist, 5,100 mg/l

**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**

The LC50 has not been determined.

**Barium dinonyl-naphthalene sulfonate**

LC50, Rat, 1 Hour, dust/mist, > 21 mg/l No deaths occurred at this concentration.

**Skin corrosion/irritation**

Not classified based on available information.

**Information for the Product:**

For similar material(s):

Brief contact is essentially nonirritating to skin.

Repeated contact may cause severe skin irritation with local redness and discomfort.

**Information for components:**

**Polypropylene glycol monobutyl ether**

Brief contact may cause slight skin irritation with local redness.

Repeated contact may cause slight skin irritation with local redness.

**Synthetic polyol ester**

For similar material(s):

Essentially nonirritating to skin.

**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**

Brief contact may cause slight skin irritation with local redness.

**Barium dinonyl-naphthalene sulfonate**

Brief contact may cause slight skin irritation with local redness.

Prolonged contact may cause moderate skin irritation with local redness.

### Serious eye damage/eye irritation

Not classified based on available information.

#### Information for the Product:

For similar material(s):  
May cause slight temporary eye irritation.  
Corneal injury is unlikely.

#### Information for components:

##### **Polypropylene glycol monobutyl ether**

For similar material(s):  
May cause slight temporary eye irritation.  
Corneal injury is unlikely.

##### **Synthetic polyol ester**

For similar material(s):  
May cause slight temporary eye irritation.

##### **Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**

Essentially nonirritating to eyes.

##### **Barium dinonyl-naphthalene sulfonate**

May cause severe eye irritation.  
May cause corneal injury.

### Sensitization

#### For skin sensitization:

Not classified based on available information.

#### For respiratory sensitization:

Not classified based on available information.

#### Information for the Product:

For similar material(s):  
Did not cause allergic skin reactions when tested in guinea pigs.

For respiratory sensitization:  
No specific, relevant data available for assessment.

#### Information for components:

##### **Polypropylene glycol monobutyl ether**

For skin sensitization:  
No relevant data found.

For respiratory sensitization:  
No relevant data found.

##### **Synthetic polyol ester**

For similar material(s):  
Did not cause allergic skin reactions when tested in guinea pigs.

For respiratory sensitization:  
No relevant data found.

**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**

Did not cause allergic skin reactions when tested in guinea pigs.

For respiratory sensitization:  
No relevant data found.

**Barium dinonyl-naphthalene sulfonate**

Has caused allergic skin reactions when tested in guinea pigs.  
Did not cause allergic skin reactions when tested in humans.

For respiratory sensitization:  
No relevant data found.

**Specific Target Organ Systemic Toxicity (Single Exposure)**

Not classified based on available information.

**Information for the Product:**

Product test data not available.

**Information for components:**

**Polypropylene glycol monobutyl ether**

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

**Synthetic polyol ester**

Available data are inadequate to determine single exposure specific target organ toxicity.

**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**

Available data are inadequate to determine single exposure specific target organ toxicity.

**Barium dinonyl-naphthalene sulfonate**

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

**Aspiration Hazard**

Not classified based on available information.

**Information for the Product:**

Based on physical properties, not likely to be an aspiration hazard.

**Information for components:**

**Polypropylene glycol monobutyl ether**

Based on physical properties, not likely to be an aspiration hazard.

**Synthetic polyol ester**

Based on physical properties, not likely to be an aspiration hazard.

**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**

Based on physical properties, not likely to be an aspiration hazard.

**Barium dinonyl-naphthalene sulfonate**

Based on physical properties, not likely to be an aspiration hazard.

**Chronic toxicity (represents longer term exposures with repeated dose resulting in chronic/delayed effects - no immediate effects known unless otherwise noted)**

**Specific Target Organ Systemic Toxicity (Repeated Exposure)**

Not classified based on available information.

**Information for the Product:**

Product test data not available.

**Information for components:**

**Polypropylene glycol monobutyl ether**

Based on available data, repeated exposures to small amounts are not anticipated to cause significant adverse effects.

**Synthetic polyol ester**

For similar material(s):

Based on available data, repeated exposures are not anticipated to cause significant adverse effects.

**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**

Based on available data, repeated exposures are not anticipated to cause significant adverse effects.

**Barium dinonyl-naphthalene sulfonate**

Based on available data, repeated exposures are not anticipated to cause significant adverse effects.

**Carcinogenicity**

Not classified based on available information.

**Information for the Product:**

Product test data not available.

**Information for components:**

**Polypropylene glycol monobutyl ether**

No relevant data found.

**Synthetic polyol ester**

No relevant data found.

**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**

No relevant data found.

**Barium dinonyl-naphthalene sulfonate**

No relevant data found.

**Teratogenicity**

Suspected of damaging fertility.

**Information for the Product:**

Product test data not available.

**Information for components:**

**Polypropylene glycol monobutyl ether**

No relevant data found.

**Synthetic polyol ester**

No relevant data found.

**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**

Did not cause birth defects or any other fetal effects in laboratory animals.

**Barium dinonyl-naphthalene sulfonate**

For similar material(s): Did not cause birth defects or any other fetal effects in laboratory animals.

**Reproductive toxicity**

Suspected of damaging fertility.

**Information for the Product:**

Product test data not available.

**Information for components:**

**Polypropylene glycol monobutyl ether**

No relevant data found.

**Synthetic polyol ester**

For similar material(s): In animal studies, did not interfere with reproduction.

**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**

In animal studies, has been shown to interfere with fertility.

**Barium dinonyl-naphthalene sulfonate**

For similar material(s): In animal studies, did not interfere with reproduction.

**Mutagenicity**

Not classified based on available information.

**Information for the Product:**

Product test data not available.

**Information for components:****Polypropylene glycol monobutyl ether**

No relevant data found.

**Synthetic polyol ester**

For similar material(s): In vitro mutagenicity studies were negative.

**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**

For similar material(s): In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.

**Barium dinonyl-naphthalene sulfonate**

For similar material(s): In vitro genetic toxicity studies were negative.

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**SECTION 12: ECOLOGICAL INFORMATION**

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*Ecotoxicological information appears in this section when such data are available.*

**Ecotoxicity****Acute toxicity to fish**

Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested).

LL50, *Oncorhynchus mykiss* (rainbow trout), static test, 96 Hour, > 100 mg/l

**Acute toxicity to aquatic invertebrates**

EL50, *Daphnia magna* (Water flea), static test, 48 Hour, > 100 mg/l

**Persistence and degradability**

**Biodegradability:** Based on information for a similar material: Material has inherent, primary biodegradability according to OECD test (s) guidelines (reaches > 20% biodegradation in OECD test(s)). Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.

10-day Window: Fail Based on information for a similar material:

**Biodegradation:** < 41 %

**Exposure time:** 28 d

**Method:** OECD Test Guideline 301F or Equivalent

10-day Window: Not applicable Based on information for a similar material:

**Biodegradation:** 84 %

**Exposure time:** 28 d

**Method:** OECD Test Guideline 302B or Equivalent

**Theoretical Oxygen Demand:** 2.37 mg/mg

**Biological oxygen demand (BOD)**

Incubation Time	BOD
5 d	5 %
10 d	8 %
20 d	20 %
28 d	33 %

**Bioaccumulative potential**

**Bioaccumulation:** No data available.

**Mobility in Soil**

No data available.

**Results of PBT and vPvB assessment**

This mixture has not been assessed for persistence, bioaccumulation and toxicity (PBT).

**Other adverse effects**

No specific, relevant data available for assessment.

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**SECTION 13: DISPOSAL CONSIDERATIONS**


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**Disposal methods:** DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN SDS SECTION 1: Identified Uses. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Recycler. Reclaimer. Incinerator or other thermal destruction device.

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**SECTION 14: TRANSPORT INFORMATION**


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**ADG**

Not regulated for transport

**Classification for SEA transport (IMO-IMDG):**

Not regulated for transport

**Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code**

Consult IMO regulations before transporting ocean bulk

**Classification for AIR transport (IATA/ICAO):**

Not regulated for transport

**Hazchem Code**

None Allocated

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

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**SECTION 15: REGULATORY INFORMATION**

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**Poison Schedule**

Not Scheduled

**Australian Inventory of Industrial Chemicals (AIIC)**

All substances contained in this product are listed on the Australian Inventory of Industrial Chemicals, or are not required to be listed.

Prohibition/Licensing Requirements : There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.

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**SECTION 16: ANY OTHER RELEVANT INFORMATION**

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**Revision**

Identification Number: 99158435 / A001 / Issue Date: 11.12.2023 / Version: 9.0

Most recent revision(s) are noted by the bold, double bars in left-hand margin throughout this document.

**Legend**

ACGIH	USA. ACGIH Threshold Limit Values (TLV)
AU OEL	Australia. Workplace Exposure Standards for Airborne Contaminants.
TWA	Exposure standard - time weighted average

**Full text of other abbreviations**

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECS - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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