

## Dimension® system SAL Calibrator

MSDS no. DEDM0002

### Section 1. Chemical product and company identification

- Product Trade Name** : Dimension® system SAL Calibrator
- Product code** : DC38
- Synonyms** : Dimension® clinical chemistry system calibrator for SAL  
Salicylate Dimension® calibrator
- Manufactured/ Supplied** : Dade Behring Inc.  
Corporate Headquarters  
1717 Deerfield Road  
Deerfield, IL 60015-0778  
1-847-267-5300
- Dade Behring Canada Inc.  
1200 Courtneypark Drive East  
Mississauga, Ontario, Canada  
L5T-1P2  
(905) 564-7333  
(800) 264-0083
- In Case of Emergency** : Transportation: (800) 424-9300 (CHEMTREC)  
Medical: (800) 228-5635 ext. 284 (Prosar)
- Material uses** : Diagnostic agents.

### Section 2. Hazards identification

- Physical state** : Liquid.
- Emergency overview** : Warning!  
MAY CAUSE ALLERGIC SKIN REACTION.

#### Potential acute health effects

##### Routes of entry

- Eyes** : No known significant effects or critical hazards.
- Skin** : May cause sensitization by skin contact.
- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Potential chronic health effects

- Carcinogenic effects** : No known significant effects or critical hazards.
- Mutagenic effects** : No known significant effects or critical hazards.
- Reproduction toxicity** : No known significant effects or critical hazards.

See toxicological information (section 11)

## Section 3. Composition, Information on Ingredients

### United States

Name	CAS number	% by weight
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	<0.01

## Section 4. First aid measures

- Eye contact** : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Skin contact** : Flush contaminated skin with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing or wear gloves. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. 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. Get medical attention if symptoms occur. 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.

## Section 5. Fire fighting measures

- Flammability of the product** : Non-flammable.
- Fire-fighting media and instructions** : In case of fire, use water spray (fog), foam or dry chemical.
- No specific hazard.
- 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** : Put on appropriate personal protective equipment (see section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : Absorb with an inert material and transfer the spilled material and absorbent to an appropriate waste disposal container.

## Section 7. Handling and storage

- Handling** : Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.

## Section 8. Exposure controls, personal protection

- Engineering controls** : Good general ventilation should be sufficient to control airborne levels.
- Personal protection**
- Eyes** : Safety glasses.
- Skin** : Lab coat. Additional body garments should be used to avoid exposed skin surfaces (e.g. sleevelets, apron, disposable suit etc.), based on the task being performed.
- Respiratory** : A respirator is not needed under normal and intended conditions of product use.
- Hands** : Chemical-resistant gloves.

Consult local authorities for acceptable exposure limits.

## Section 9. Physical and chemical properties

- Physical state** : Liquid.
- pH** : 6.7 [Neutral.]
- Boiling/condensation point** : The lowest known value is 100°C (212°F) (Water).
- Melting/freezing point** : May start to solidify at 0°C (32°F) based on data for: Water.
- Ionicity (in water)** : Amphoteric. (Water).

## Section 10. Stability and reactivity

- Stability and reactivity** : The product is stable.
- Hazardous polymerization** : Will not occur.

## Section 11. Toxicological information

### Toxicity data

#### United States

<b>Ingredient name</b>	<b>Test</b>	<b>Result</b>	<b>Route</b>	<b>Species</b>
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	LD50	2500 mg/kg	Oral	Rat

## Section 12. Ecological information

### Ecotoxicity data

#### United States

<b>Ingredient name</b>	<b>Species</b>	<b>Period</b>	<b>Result</b>
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Daphnia (LC50)	48 hour/hours	0.16 mg/l

## Section 13. Disposal considerations

**Waste disposal** : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. 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.

Consult your local or regional authorities.

## Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional information
DOT Classification	Not regulated.	-	-	-		-
TDG Classification	Not regulated.	-	-	-		-
Mexico Classification	Not regulated.	-	-	-		-
ADR/RID Class	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-
IATA-DGR Class	Not regulated.	-	-	-		-

## Section 15. Regulatory information

### United States

**HCS Classification** : Sensitizing material

**U.S. Federal regulations** : TSCA 8(b) inventory: Water

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: No products were found.

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 accidental release prevention: No products were found.

Clean Air Act (CAA) 112 regulated flammable substances: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

**State regulations** : No products were found.

### Canada

**WHMIS (Canada)** : Not controlled under WHMIS (Canada).

CEPA DSL: Water

## Section 16. Other information

**EU Label Requirements** :



Irritant

R43- May cause sensitization by skin contact.

S24- Avoid contact with skin.

S37- Wear suitable gloves.

**Date of printing** : 5/26/2005.

**Date of issue** : 5/26/2005.

**Version** : 1.01

**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.