

# SAFETY DATA SHEET

**ECOLAB®**

AQUA BALANCE BASIC HARDNESS

## Section 1. Chemical product and company identification

**Product name** : AQUA BALANCE BASIC HARDNESS

**Recommended use and restrictions** : Pool chemical

Use only for the purpose on the product label.

**Product dilution information** : Not applicable

**Supplier's information** : Ecolab Inc. Institutional Division  
370 N. Wabasha Street  
St. Paul, MN 55102  
1-800-352-5326

**Code** : 901566

**Date of issue** : 11 Nov 2013

EMERGENCY HEALTH INFORMATION: 1-800-328-0026  
Outside United States and Canada CALL 1-651-222-5352 (in USA)

## Section 2. Hazards identification

### Product AS SOLD

**GHS Classification** : SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A

### GHS label elements

**Signal word** : Warning

**Symbol** :



**Hazard statements** : Causes serious eye irritation.

### Precautionary statements

**Prevention** : Wear eye or face protection. Wash hands thoroughly after handling.

**Response** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage** : No other specific measures identified.

**Disposal** : See section 13 for waste disposal information.

**Other hazards** : None known.

### Product AT USE DILUTION

Product is sold ready to use.

## Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product AS SOLD

Hazardous ingredients	Concentration Range (%)	CAS number
calcium chloride, dihydrate	>50	10035-04-8

Product AT USE DILUTION

Hazardous ingredients	Concentration Range (%)	CAS number
Product is sold ready to use.		

## Section 4. First aid measures

Product AS SOLD

<b>Eye contact</b>	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.	<b>Product AT USE DILUTION</b> Product is sold ready to use.
<b>Skin contact</b>	: No known effect after skin contact. Rinse with water for a few minutes.	
<b>Inhalation</b>	: No special measures required. Treat symptomatically.	
<b>Ingestion</b>	: Get medical attention if symptoms occur.	
<b>Protection of first-aiders</b>	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.	
<b>Notes to physician</b>	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.	

See toxicological information (section 11)

## Section 5. Fire-fighting measures

Product AS SOLD

Suitable fire extinguishing media : Use water spray, fog or foam.

Specific hazards arising from the chemical

Hazardous thermal decomposition products : No specific fire or explosion hazard.

Specific fire-fighting methods : Decomposition products may include the following materials: halogenated compounds metal oxide/oxides

: 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

Product AS SOLD

Personal precautions : Use personal protective equipment as required.

Environmental precautions : Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

Methods for cleaning up : Collect spillage. Use a water rinse for final clean-up.

Product AT USE DILUTION

Product is sold ready to use.

## Section 7. Handling and storage

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
<b>Handling</b>	: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.	Product is sold ready to use.
<b>Storage</b>	: Keep out of reach of children. Keep container tightly closed.  Do not store above the following temperature: 0°C	

## Section 8. Exposure controls/personal protection

### Control parameters

Ingredient name	Exposure limits
None.	

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
<b>Appropriate engineering controls</b>	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.	Product is sold ready to use.
<b>Personal protection</b>		
<b>Eye protection</b>	: Wear eye protection.	
<b>Hand protection</b>	: No protective equipment is needed under normal use conditions.	
<b>Skin protection</b>	: No protective equipment is needed under normal use conditions.	
<b>Respiratory protection</b>	: A respirator is not needed under normal and intended conditions of product use.	
<b>Hygiene measures</b>	: 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.	

## Section 9. Physical and chemical properties

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
<b>Physical state</b>	: Solid	Product is sold ready to use.
<b>Color</b>	: Off-white [Light]	
<b>Odor</b>	: Faint odor	
<b>pH</b>	: 7.5 (1%)	
<b>Flash point</b>	: > 100°C Product does not support combustion.	
<b>Explosion limits</b>	: Not available.	
<b>Flammability (solid, gas)</b>	: Not available.	
<b>Melting point</b>	: Not available.	
<b>Boiling point</b>	: Not available.	
<b>Evaporation rate (butyl acetate = 1)</b>	: Not available.	
<b>Vapor pressure</b>	: Not available.	
<b>Vapor density</b>	: Not available.	
<b>Relative density</b>	: 1 (Water = 1)	
<b>Solubility</b>	: Soluble in the following materials: cold water and hot water.	

## Section 9. Physical and chemical properties

Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Odor threshold	: Not available.
Viscosity	: Kinematic (room temperature): 0 cm <sup>2</sup> /s (0 cSt)

## Section 10. Stability and reactivity

### Product AS SOLD

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.
Materials to avoid	: Slightly reactive or incompatible with the following materials: metals and acids.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

Route of exposure : Skin contact, Eye contact, Ingestion

### Product AS SOLD

<u>Symptoms</u>	
<b>Eye contact</b>	: Adverse symptoms may include the following: pain or irritation watering redness
<b>Skin contact</b>	: No specific data.
<b>Inhalation</b>	: No specific data.
<b>Ingestion</b>	: No specific data.
<u>Acute toxicity</u>	
<b>Eye contact</b>	: Causes serious eye irritation.
<b>Skin contact</b>	: No known significant effects or critical hazards.
<b>Inhalation</b>	: No known significant effects or critical hazards.
<b>Ingestion</b>	: No known significant effects or critical hazards.

### Product AT USE DILUTION

Product is sold ready to use.

### Toxicity data

#### Product/ingredient name

calcium chloride, dihydrate	LD50 Dermal	Rabbit	>5000 mg/kg
	LD50 Oral	Rat	2301 mg/kg

### Chronic toxicity

<b>Carcinogenicity</b>	: No known significant effects or critical hazards.
<b>Mutagenicity</b>	: No known significant effects or critical hazards.
<b>Teratogenicity</b>	: No known significant effects or critical hazards.
<b>Developmental effects</b>	: No known significant effects or critical hazards.
<b>Fertility effects</b>	: No known significant effects or critical hazards.

## Section 12. Ecological information

### Product AS SOLD

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

#### Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
calcium chloride, dihydrate	Acute LC50 4630 mg/l	Fish	96 hours

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

	Product AS SOLD	Product AT USE DILUTION
<b>Disposal methods</b>	: Diluted product can be flushed to sanitary sewer. Discard empty container in trash.	Product is sold ready to use.

## Section 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

#### DOT

**DOT Classification** Not regulated.

#### IMO/IMDG

**IMO/IMDG Classification** Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

### Product AT USE DILUTION

Not intended for transport.

## Section 15. Regulatory information

### Product AS SOLD

#### U.S. Federal regulations

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

**SARA 302/304/311/312 extremely hazardous substances**: No listed substance

**SARA 302/304 emergency planning and notification**: No listed substance

<u>SARA 313</u>	<u>Product name</u>	<u>CAS number</u>	<u>Concentration</u>
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**Form R - Reporting requirements** : No listed substance

**California Prop. 65** : No listed substance

## Section 16. Other information

### Product AS SOLD

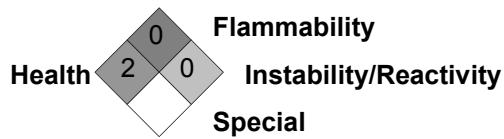
**Hazardous Material** :

Information System (U.S.A.)

Health	2
Flammability	0
Physical hazards	0

## Section 16. Other information

National Fire Protection :  
Association (U.S.A.)



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Prepared by : Regulatory Affairs  
1-800-352-5326

### Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.