

Material Safety Data Sheet

ANGRY EGG™

Version: 1.2

Revision Date: 01/01/2014

Print Date: 01/22/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *ANGRY EGG™*

Product Use Description: Swimming Pool Product

Company: Manufacturer
BioLab, Inc. a Chemtura Company
1725 North Brown Road
Lawrenceville, GA
30043

Supplier
Bio-Lab Canada, Inc.
P.O. Box 245
West Hill, ON
M1E 4Y9

Telephone: 888-645-7946

Emergency telephone number: Poison Control Center (Medical) :: (877) 800-5553
CANUTEC: (24 hours) 613-996-6666 (call collect)
: 1-888-640-7946
Customer Care: 800-998-7946

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by Product Safety Department

01/01/2014

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

DANGER!

Form: solid Colour: white Odour: odourless

Hazard Summary : Causes eye burns.
Causes skin burns.
Harmful if swallowed.
Irritating to respiratory system.
Do not get in eyes, on skin, or on clothing.
Avoid breathing dust or vapor.
Avoid contact with mucous membranes.

WHMIS Classification : D2B: Toxic Material Causing Other Toxic Effects Severe eye irritant

Potential Health Effects

Primary Routes of Entry : Skin contact
Inhalation

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Ingestion
Eye contact

Aggravated Medical Condition : Respiratory disorders
Skin disorders

Inhalation : Causes respiratory tract irritation.

Skin : Causes skin burns.

Eyes : Causes eye burns.

Ingestion : Harmful if swallowed.

Chronic Exposure : None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component / CAS-No.	Weight percent
potassium hydrogenperoxomonosulphate 10058-23-8	>= 10 - < 30 %
sodium carbonate 497-19-8	>= 10 - < 30 %
Buffering agent	>= 10 - < 30 %
potassium hydrogensulphate 7646-93-7	>= 10 - < 30 %
Clarifier	>= 1 - < 5 %

SECTION 4. FIRST AID MEASURES

First aid procedures

Inhalation : Remove to fresh air.
If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
Call a physician or poison control centre immediately.

Skin contact : Remove contaminated clothing and shoes.
Rinse immediately with plenty of water for at least 15 minutes.
If skin irritation occurs, seek medical advice/attention.

Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
Call a physician or poison control centre immediately.

Ingestion : Call a physician or poison control centre immediately.
Have person sip a glass of water if able to swallow.
Do not induce vomiting unless told to do so by the poison control center or

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doctor.
Never give anything by mouth to an unconscious person.

SECTION 5. FIREFIGHTING MEASURES

Flammable properties

Flash point : Remarks: not applicable

Fire fighting

Suitable extinguishing media : Water

Further information : On decomposition releases oxygen which may intensify fire.

Protective equipment and precautions for firefighters

Specific hazards during firefighting : Acidic mist may be present.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Do not flush into surface water or sanitary sewer system.

Methods for containment / Methods for cleaning up : Using appropriate protective clothing and safety equipment, contain spilled material.
Using clean dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry containers for disposal.

Additional advice : Treat recovered material as described in the section "Disposal considerations".

SECTION 7. HANDLING AND STORAGE

Handling

Handling procedures : Avoid contact with skin, eyes and clothing.
Avoid breathing dust.
Avoid breathing vapors.
Do not mix with other chemicals.
Never add water to this product.
Always add product to large quantities of water.
Do not place this product in skimmer basket, pump pot, brominator, or chlorinator.
Wash hands thoroughly with soap and water after handling and before eating, drinking or using tobacco.
Do not handle until all safety precautions have been read and understood.

Storage

Requirements for storage : Store in original container.

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areas and containers

Keep container closed when not in use.
Store in a cool, dry, well ventilated area away from heat or open flame.
Keep out of reach of children.
Keep away from animals.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Components with workplace control parameters

Components / CAS-No.	Value / Basis / Update	Control parameters	Further information
Buffering agent	TWA CA AB OEL 2007-01-01	5 mg/m3	
	TWA CA BC OEL 2006-11-29	5 mg/m3	
	TWAEV CA ON OEL 2005-12-17	5 mg/m3	
	TWAEV CA QC OEL 2006-12-29	5 mg/m3	
Clarifier	TWA	2 mg/m3	

Engineering measures

Engineering measures : Use ventilation adequate to keep exposures below recommended exposure limits. See the safety datasheet.
Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment

Eye protection : Safety glasses with side-shields

Hand protection : Wear rubber gloves.

Respiratory protection : A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hygiene measures : Wash contaminated clothing before reuse.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : solid
Colour : white

Odour : odourless

Safety data

Flash point : Note: not applicable
Freezing point : Note: no data available
Melting point/range : Note: no data available
Boiling point/boiling range : Note: no data available
Vapour pressure : Nil
Specific Gravity : 1.77 at
Water solubility : Note: soluble
Partition coefficient: n-octanol/water : Note: no data available
Viscosity, kinematic : Note: not applicable

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: High temperatures.
Poor ventilation.
Contamination
Moisture/high humidity.

Materials to avoid : Remarks: Do not mix with other swimming pool/spa chemicals in their concentrated forms.

Hazardous decomposition products : Note: Oxygen
Hazardous reactions : Hazardous polymerisation does not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity
Clarifier : LD50: > 5,000 mg/kg
Species: rat

Acute dermal toxicity
Buffering agent : LD50: > 7,940 mg/kg

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Species: rabbit

Skin irritation : Remarks: Causes skin burns.

Eye irritation : Remarks: Causes eye burns.

Sensitisation
Buffering agent : Species: guinea pig
Result: Did not cause sensitization on laboratory animals.

12. ECOLOGICAL INFORMATION

Toxicity to fish
Buffering agent : LC50: 97 mg/l
Exposure time: 96 h
Species: Pimephales promelas (fathead minnow)

Clarifier : LC50: 37 mg/l
Exposure time: 96 h
Species: Gambusia affinis (Mosquito fish)
static test
LC50: 33.9 mg/l
Exposure time: 96 h
Species: Pimephales promelas (fathead minnow)
flow-through test

Toxicity to daphnia and other aquatic invertebrates
Buffering agent : EC50: 85.6 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)
static test

Clarifier : LC50: ca. 6.57 mg/l
Exposure time: 48 h

Toxicity to algae
Buffering agent : EC50: 31.3 mg/l
Exposure time: 72 h
Species: Scenedesmus quadricauda (Green algae)

Toxicity to bacteria
Buffering agent : EC50: 7,911 mg/l
Exposure time: 3 h
Species: activated sludge

Bioaccumulation
Clarifier : Remarks:
Bioaccumulation is unlikely.

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Further information on ecology

Additional ecological information : May be toxic to fish.
May be toxic to aquatic organisms.
Do not allow material to contaminate ground water system.
Do not flush into surface water or sanitary sewer system.

SECTION 13. DISPOSAL CONSIDERATIONS

Further information : Dispose of waste material in compliance with all federal, state, and local regulations.
Do not put product, spilled product, or filled or partially filled containers into the trash or waste compactor.

Contaminated packaging : Do not re-use empty containers.
Rinse thoroughly before discarding in trash.

SECTION 14. TRANSPORT INFORMATION

DOT

Not dangerous goods

TDG

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

RID

Not dangerous goods

SECTION 15. REGULATORY INFORMATION

WHMIS Classification : D2B

Severe eye irritant

The components of this product are reported in the following inventories:

US.TSCA : On TSCA Inventory

DSL : All components of this product are on the Canadian DSL list.

AICS : On the inventory, or in compliance with the inventory

NZIoC : On the inventory, or in compliance with the inventory

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ENCS On the inventory, or in compliance with the inventory
KECI On the inventory, or in compliance with the inventory
PICCS On the inventory, or in compliance with the inventory
IECSC On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Further information

Other Emergency Phone Number

<u>Latin America:</u>	Brazil	+55 113 711 9144
	All other countries	+44 (0) 1235 239 670
<u>Mexico:</u>		+52 555 004 8763

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.