

Material Safety Data Sheet

according to EC-Regulation No. 1272/2008

updated: 03/2016

Version: 1.0



Section I - Product and Company Information

Product Name	Aquaguard-1
Product Number	PK-CC01-867-1B, PK-CC01-867-3B, PK-CC01-867-10B
Product Classification	Cell Biology Reagents
Company and Contact Information	PromoCell GmbH Sickingenstrasse 63/65 69126 Heidelberg Germany Phone: +49 6221 – 649 34 0 E-mail: info@promokine.info

Section II – Composition/Information on Ingredients

GHS Classification: Concentration of ingredients in mixture is below cut-off values for classification as a hazardous substance. This Solution and its ingredients are NOT classified as Dangerous according to GHS guidelines.

Health	Environmental	Physical
NA	NA	NA

GHS Label: NA

Symbols: NA

Hazard Statements	Precautionary Statements
NA	NA

Section III – Hazard Information

Component	CAS-Number	Weight %
Sodium benzoate $\text{NaC}_7\text{H}_5\text{O}_2$	532-32-1	<15%

Section IV – First Aid Measures

Eyes: Eye irritation is unlikely. In case of eye irritation, flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get immediate medical attention.

Skin: Itching or irritation of the skin is unlikely. In case of skin irritation, immediately flush the skin with plenty of water while removing contaminated clothing and shoes. Wash contaminated clothing before reuse.

Ingestion: Ingestion of mixture is unlikely. Get immediate medical attention. Do not induce vomiting unless directed by medical personnel.

Inhalation: Irritation by inhalation is unlikely. In case of Nasal irritation, headache, dizziness, nausea, vomiting, heart palpitations, breathing difficulty, cyanosis, tremors, weakness, red flushing of face, irritability: Remove exposed person from source of exposure to fresh air. If not breathing, clear airway and start cardiopulmonary resuscitation (CPR). Avoid mouth-to-mouth resuscitation.

Section V – Fire-Fighting Measures

Suitable Extinguishing Media: Use water, dry chemical, foam, or carbon dioxide to extinguish fire.

Fire Fighting Procedures: Exposed firefighters should wear protective clothing.

Unusual Fire and Explosion Hazards: NA

Combustion Products: NA

Section VI – Accidental Release Measures

Dilute mixture with excess amounts of water.

Section VII – Handling and Storage

Handling: Do not allow contact with eyes or skin. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use. All handling of open containers should be within aseptic environment and practices.

Storage: Store in tightly closed containers frozen at a -20°C environment (long-term storage). Keep containers tightly closed and upright when not in use. Protect against physical damage.

Section VIII – Exposure Controls/Personal Protection

Exposure Limits: not limited

Engineering Controls: Not needed. To be handled aseptically.

Personal Protective Equipment (PPE): 8.3.1 Eye Protection: Wear safety goggles. Have eye-wash stations available where eye contact can occur.

Skin Protection: Avoid skin contact. Wear gloves impervious to conditions of use.

Respiratory Protection: NA

Section IX – Physical and Chemical Properties

Property	Aquaguard-1
Flash Point (°C):	NA
Autoignition Temperature:	NA
Boiling Point (°C):	NA
Melting Point (°C):	NA
Vapor Pressure:	NA
Vapor Density (Air=1):	NA
% Solubility in Water:	Complete @ 20°C
Pour Point:	NA
Molecular Formula:	Mixture Solution
Odor/Appearance:	Clear, colorless solution
Lower Flammability Limit:	NA
Upper Flammability Limit:	NA
Specific Gravity:	NA
% Volatile:	100
Evaporation Rate (Water=1):	NA
Viscosity:	NA
Octanol/Water Partition Coefficient:	NA
pH:	TBD
Molecular Weight:	Mixture Solution

Section X – Stability and Reactivity

Stability/Incompatibility: NA

Hazardous Reactions/Decomposition Products: NA

Section XI – Toxicological Information

Signs and Symptoms of Overexposure: NA

Acute Effects: Not expected

Eye Contact: May cause irritation.

Skin Contact: May cause reddening of skin. May cause allergic skin reaction.

Inhalation: Unlikely, may cause irritation

Ingestion: Unlikely, may cause gastrointestinal irritation.

Target Organ Effects: NA

Chronic Effects: NA

Medical Conditions Aggravated by Exposure: NA

Acute Toxicity Values:

Oral LD50 (Rat) = NA

Dermal LD50 (Rabbit) = NA

Inhalation LC50 (Rat) = NA

Section XII – Ecological Information

Not Available.

Bioaccumulation is not expected to be significant. This product is readily biodegradable.

Section XIII – Disposal Information

As sold, this product, when discarded or disposed of, is not a hazardous waste according to local regulations.

The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with local regulations.

Section XIV – Transport Information

U.S. Department of Transportation (DOT)

Proper Shipping Name: NA

Hazard Class: Concentration of ingredients in mixture is not considered dangerous.

UN/NA Number: NA

Packing Group: Not Available.

Labels Required: No specific labels required

International Maritime Organization (IMDG)

Proper Shipping Name: NA

Hazard Class: Concentration of ingredients in mixture is not considered dangerous.

UN/NA Number: NA

Packing Group: Not Available

Labels Required: No specific labels required

Section XV – Regulatory Information

U.S. Federal Regulations

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): NA

Toxic Substances Control Act (TSCA): NA

Clean Water Act (CWA): NA

Clean Air Act (CAA): NA

International Regulations

Canadian Environmental Protection Act: NA

Canadian Workplace Hazardous Materials Information System (WHMIS): NA

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

European Inventory of Existing Chemicals (EINECS): NA

EU Classification: NA

EU Risk (R) and Safety (S) Phrases: NA

Section XVI - Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. PromoCell shall not be held liable for any damage resulting from handling or from contact with the above product.

FOR IN VITRO RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC PROCEDURES.

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