

Safety Data Sheet

Quantisal Saliva Collection Device

SDS No. MS-QS

Section 1. Chemical Product and Company Identification

Product Trade Name: Quantisal Saliva Collection Device

Product code: QS-0025, QS-0025D, QS-0500, QS-0025-DP, QS-0500-DP

Synonyms: None

Manufactured/ Supplied: Immunalysis Corporation
829 Towne Center Drive
Pomona, CA 91767
1-909-482-0840

Product Information: (888) 664-8378 (In USA and Canada)

Recommended Material Uses and Restrictions: Diagnostics agents

Section 2. Hazards Identification

Physical state Liquid

Emergency overview: H317 May cause an allergic skin reaction.

GHS Label Elements:
Hazard Pictograms



Exclamation Mark



Corrosion

Signal Word Warning

Global Harmonized System Skin Sensitizer – Category 3
Acute Toxicity (oral) – Category 5

Potential acute health effects

Eyes H320 Contact with eyes will cause irritation.

Skin H315 Contact with skin will cause irritation.

Inhalation P261 Avoid breathing vapors or mists.
Material is irritating to mucous membranes and upper respiratory tract.

Ingestion H303 May be harmful if swallowed

Potential chronic health effects

Carcinogenic effects See toxicological information (section 11)
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.

Section 3. Composition and Information on Ingredients

Name	CAS number	% by weight	Description
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1)	55965-84-9	< 0.005%	Mixture
Sodium Phosphate Monobasic, Monohydrate	10049-21-5	< 1%	Substance
Dibasic Sodium Phosphate , Heptahydrate	7582-85-6	< 1%	Substance
Sodium Chloride	7647-14-5	< 1%	Substance
Water	7732-18-5	> 90%	Substance

The Ingredient(s) listed above are considered hazardous. The remaining components are non-hazardous and/or present at amounts below reportable limits.

Section 4. First Aid Measures

Eye contact	P305+P351+P338+P337+P313 If in eyes: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.
Skin contact	P332+P350+P313 If skin irritation occurs: Gently wash with plenty of soap and water. Get medical attention if irritation occurs.
Inhalation	P304+P341+P309+P311 P311 If inhaled: If breathing is difficult, remove victim to fresh air and keep at rest in position comfortable for breathing. If not breathing, give artificial respiration. If exposed or if you feel unwell, call POISON CENTER or doctor.
Ingestion	P301+P330+P331+P314 If swallowed: Rinse mouth and drink plenty of water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if you feel unwell. Never give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

Flammability of the product	Non-flammable. As product is an aqueous solution, it is not expected to be flammable.
Fire-fighting media and instructions	Use water spray (fog), foam, dry powder, or carbon dioxide, as an extinguishing agent suitable for the surrounding fire.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Special remarks on fire hazard	None

Section 6. Accidental Release Measures

Personal precautions	Ensure adequate ventilation. Initiate company's spill response procedures immediately. Keep people out of area. 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 dry earth, sand or other non-combustible material. Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container. Dispose of in accordance with local, state and federal regulations. Flush area with water thoroughly.

Section 7. Handling and Storage

Handling	P264+P281 Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.
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Take necessary personal protective precautions before using this product.

Storage

P404+P410 Keep container tightly closed. Store at 18-25°C. Avoid heat and direct sunlight.

Section 8. Exposure Controls, Personal Protection

Engineering measures

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

Personal protection

Eyes

Safety glasses or goggles should be worn to prevent eye contact

Skin

Laboratory coat or other protective clothing should be worn to protect against splashes and small spills

Hands

Impervious gloves should be worn to prevent skin contact.

Respiratory

A respirator is not needed under normal and intended conditions of product use.

Exposure limits

United States

Component

Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1)

OSHA

None

NIOSH

None

ACGIH

None

AIHA WHEEL

None

Sodium Phosphate Monobasic, Monohydrate

None

None

None

None

Dibasic Sodium Phosphate, Heptahydrate

None

None

None

None

Sodium Chloride

None

None

None

None

Canada

Component

Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1)

Alberta

None

British Columbia

None

Ontario

None

Quebec

None

Sodium Phosphate Monobasic, Monohydrate

None

None

None

None

Dibasic Sodium Phosphate, Heptahydrate

None

None

None

None

Sodium Chloride

None

None

None

None

Australia / Mexico

Component

Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1)

Australia

None

Mexico

None

Sodium Phosphate Monobasic, Monohydrate

None

None

Dibasic Sodium Phosphate, Heptahydrate

None

None

Sodium Chloride

None

None

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical state

Liquid

Odor	Odorless
Color	Greenish Blue
pH	6.5 (Conc. (%w/w): 1)
Boiling/condensation point	The lowest known value is 99.9°C (211.8°F) (water)
Melting/freezing point	May start to solidify at -0.0°C (32°F) based on data for water.
Flammability	No information identified
Specific gravity	The only known value is 1 (Water = 1) (Water).
Vapor pressure	The highest known value is 2.4 kPa (188 mm Hg) (at 20°C) (Water).
Evaporation rate	No information identified
Flash point	No information identified
Decomposition temperature	No information identified
Viscosity	No information identified
Water Solubility	Soluble in water
Solvent Solubility	No information identified
Partition coefficient (n-octanol/water)	No information identified
Explosive properties	No information identified

Section 10. Stability and Reactivity

Stability and reactivity The product is stable under normal conditions.

Incompatibility None

Section 11. Toxicological Information

Toxicity data

Ingredient Name	Test	Result	Route	Species
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1)	LD50	862 mg/kg	Oral	Rat
	LD50	2,800 mg/kg	Dermal	Rabbit
Sodium Phosphate Monobasic, Monohydrate	LD50	12,930 mg/kg	Oral	Rat
Dibasic Sodium Phosphate, Heptahydrate	LD50	8,290 mg/kg	Oral	Rat
Sodium Chloride	LD50	3,000 mg/kg	Oral	Rat

Chronic Effects

Specific Target Organ Toxicity (STOT) Carcinogenic Effects: Classified none by NIOSH

Single Exposure No studies identified

Repeated Exposure No Studies identified

Section 12. Ecological Information

Ecotoxicity data

Ingredient Name	Species	Period	Result
Mixture of 5-chloro-2-methyl-	Daphnia (EC50)	48 hour/hours	0.16 mg/L

2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1)

Toxicity of the products of biodegradation The product itself and its products of degradation are not toxic.

Additional toxicity information No data available

Bioaccumulation potential No data available

Mobility in soil No data available

Section 13. Disposal Considerations

Waste disposal The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff 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

Transport Based on the available data, this product/mixture is not regulated as a hazardous material/dangerous good under EU, ADR/RID, US DOT, Canada TDG, IATA or IMDG.

DOT Classification UN Number; Not regulated

IATA-DGR Class Not regulated

Environmental hazard Based on the available data, this product/mixture is not regulated as an environmental hazard or marine pollutant.

Section 15. Regulatory Information

EU Additional Classification

Hazard Pictograms:



Exclamation Mark



Corrosion

Signal Word

Warning

GHS Statements:

H317 May cause sensitization by skin contact.

H315+H320 Irritating to eyes and skin

Prevention and Precautionary Statements

P405 Store locked up, out of reach of children

P261 Do not breathe fumes or vapors.

P302+P350 If on skin: Gently wash with soap and water

P280 Wear protective gloves / protective clothing / eye protections and face protection.

P305+P351 If in eyes: Rinse cautiously with water for several minutes.

P101 If medical advice is needed, have product container or label on hand.

US Classification and Label Text

Hazard Pictogram



Exclamation Mark



Corrosion

Signal Word

Warning

GHS Statements

H317 May cause sensitization by skin contact.

H315+H320 Irritating to eyes and skin

Prevention and Precautionary Statements

P302+P350 If on skin: Gently wash with plenty of soap and water. P280 Wear protective gloves/protective clothing/ eye protection and face protection.

P405 Store locked up, out of reach of children

P305+P351 If in eyes: Rinse cautiously with water for several minutes.

United States Regulatory Information SARA Listed

No, none of the chemicals in this product have a TPQ.

SARA Codes

None

Clean Air Act

This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act

None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 7732-18-5 is not present on state lists from CA, PA, MN, MA, FL or NJ.

California No Significant Risk Level

None of the chemicals in this product are listed.

Canada Regulatory Information

WHMIS Classification

This product has been classified in accordance with the hazard criteria of the CPR, and the SDS contains all the information required by the CPR.

DSL

No

NDSL

No

Section 16. Other information

Date of issue

02/2018

Version

AC

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Immunalysis shall not be liable for any damage resulting from handling or from contact with the above product by untrained personnel. 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.