

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**COMPANY ADDRESS:** Haven Scientific Biochemistry department Al-Marsad St, King Abdulaziz University, Jeddah 21589

**EMERGENCY TELEPHONE NUMBERS:** (966) 59 121-4477

**PRODUCT NAME** : Wash 2 buffer

**PRODUCT CODE** : RE95013 – RE95053 – RE95253

**PRODUCT USE** : For research use only. Not intended for human or animal diagnostic uses.

**SECTION 2 - HAZARDS IDENTIFICATION SUMMARY**

**GHS CLASSIFICATION:** Not Hazard

**SIGNAL WORD:** No Single word

**HMIS CLASSIFICATION**

**Health hazard:** 0

**Chronic health hazard:** 0

**Flammability:** 0

**Physical hazards:** 0

**SECTION 3 - COMPOSITION, INFORMATION OF INGREDIENTS**

Substance / Mixture	Name	Hazardous ingredients
Mixture	Wash 2 buffer	No

## **SECTION 4 - FIRST AID MEASURES**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**IF SWALLOWED:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**IF ON SKIN:** Wash off with soap and plenty of water. Consult a physician.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF INHALED:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

## **SECTION 5 - FIRE FIGHTING MEASURES**

**CONDITIONS OF FLAMMABILITY:** Not Flammable or combustible

**FLASHPOINT:** Not determined

**EXTICTION MEAN:** Use water spray, alcohol-resistant foam, dry chemical or CO<sub>2</sub>.

**FIRE AND EXPLOSION HAZARD:** Not sensitive to mechanical impact or static discharge

**FIRE FIGHTING EQUIPMENT:** Wear self-contained breathing apparatus for firefighting if necessary

## **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**IN CASE OF SPILLS OR LEAKS:** Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

**PERSONAL PRECAUTIONS:** Use personal protective equipment. Avoid contact with the skin and the eyes. Use personal protective equipment. Ensure adequate ventilation.

**ENVIRONMENTAL PRECAUTIONS:** Do not let product enter drains.

## SECTION 7 - HANDLING AND STORAGE

**HANDLING:** Wear personal protective equipment. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

**STORAGE:** Keep container tightly closed in a dry and well-ventilated place.

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** If exposure limits are exceeded or irritation is experienced, respiratory protection approved under NIOSH/MSHA must be worn. For high airborne contaminant concentration positive-pressure supplied air respirators may be required.

**EYE PROTECTION:** Wear safety glasses with side shields conforming to EN166. Avoid contact with the eyes.

**SKIN AND BODY PROTECTION:** Wear protective gloves and clothing.

**HYGIENE MEASURES:** Handle in accordance with good industrial hygiene and safety practice.

**SPECIFIC ENGINEERING CONTROLS:** Use appropriate mechanical exhaust or laboratory fume hood to avoid exposure.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Liquid

**Color:** Clear

**Odor:** Not available

**pH:** 7.5

**Melting Point:** Not available

**Boiling Point:** Not available

**Flash Point:** Not available

**Evaporation Rate:** Not available

**Flammability:** Not available

**Vapor Pressure:** Not available

**Vapor Density:** Not available

**Special gravity:** 1

**Solubility:** Not available

**Decomposition Temperature:** Not available

**Viscosity:** Not available

## **SECTION 10 - STABILITY AND REACTIVITY**

**STABILITY:** Stable under recommended storage conditions

**CONDITIONS TO AVOID:** Not available.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents

**HAZARDOUS DECOMPOSITION PRODUCTS:**

**Under fire conditions:** Carbon oxides, nitrogen oxides, hydrogen chloride gas

## **SECTION 11 - TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY:**

**PRODUCT:**

Acute oral toxicity: Not available

Acute inhalation toxicity: Not available

Acute dermal toxicity: Not available

**GERM CELL MUTAGENICITY:** Not available

**CARCINOGENICITY:** Not available

**REPRODUCTIVE TOXICITY:** Not available

**STOT-SINGE EXPOSURE:** Not available

**STOT-REPEATED EXPOSURE:** Not available

**ASPIRATION TOXICITY:** Not available

**FURTHER INFORMATION:** Not available

## **SECTION 12 - ECOLOGICAL INFORMATION**

**ECOTOXICITY:** Not available

**PERSISTENCE AND DEGRADABILITY:** Not available

## **SECTION 13 - DISPOSAL CONSIDERATIONS**

**PRODUCT:** The product should not be allowed to enter drains, watercourses or the soil. Disposing should be performed in compliance with local and national regulation by a licensed waste management company.

**CONTAMINATED PACKAGING:** Dispose of as unused product. Do not reuse empty containers.

## **SECTION 14 - TRANSPORT INFORMATION**

**DOT (US):** Not regulated as dangerous good.

**UNRTG:** Not regulated as dangerous good.

**IATA:** Not regulated as dangerous good.

**IMDG:** Not regulated as dangerous good.

## **SECTION 15 - REGULATORY INFORMATION**

Not controlled or listed

## **SECTION 16 - OTHER INFORMATION**

The above information contained in this Material Safety Data Sheet is correct to the best of our knowledge and belief at the date of publication. The information provided is only designed as a guide for safe handling, handling, use, transportation, storage, disposal and release. This information is not to be considered a guarantee or a quality specification. The information relates only to the specific materials and may not be valid for such materials used with any other materials or in any process, unless stated so in the text.

**END OF SAFETY DATA SHEET**