



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name 10xWash buffer

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Laboratory chemicals. For research use only.

1.3. Details of the supplier of the safety data sheet

Supplier Kromnigon AB

Street address Kromnigon, c/o AstraZeneca R&D

Pepparedsleden 1
431 83 Mölndal
Sweden

Telephone +46761682242
Email info@kromnigon.com

1.4. Emergency telephone number

Emergency phone number 112

Available outside office hours Yes

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Description Upon assessment, this mixture is not classified as hazardous according to 1272/2008

2.2. Label elements

Hazard pictogram Not applicable

Signal word Not applicable

Hazard statement Not applicable

2.3. Other hazards

Other hazards This product does not contain any substances that are assessed to be a PBT or a vPvB.



SECTION 3: Composition/information on ingredients

3.2. Mixtures

The product contains no substances, nor concentration levels thereof, that require marking or that need to be declared.

SECTION 4: First aid measures

4.1. Description of first aid measures

Description of first aid measures In case of concern, or if symptoms occur, call a doctor/physician.

Inhalation Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

Ingestion Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

Skin contact Rinse skin with water. Immediate medical attention is not required.

Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2. Most important symptoms and effects, both acute and delayed

Most important symptoms and effects, both acute and delayed No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

Indication of any immediate medical attention and special treatment needed Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with water mist, powder, carbon dioxide or alcoholresistant foam.

Non-suitable extinguishing media No information available.



5.2. Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture In case of fire, substances hazardous to health, or substances harmful in other respects, may be dispersed

5.3. Advice for firefighters

Protective measures should be taken regarding other material at the site of the fire. In case of fire use proper breathing apparatus. Wear full protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions, protective equipment and emergency procedures Use recommended safety equipment, see section 8. Avoid inhalation and exposure to skin and eyes. Ensure good ventilation.

6.2. Environmental precautions

Environmental precautions No special environmental precautions required.

6.3. Methods and material for containment and cleaning up

Methods and material for containment and cleaning up Absorb with inert absorbent material.

6.4. Reference to other sections

Reference to other sections For personal protective equipment, see under section 8, and for waste see under section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use personal protective equipment as required. No special handling advices are necessary.

7.2. Conditions for safe storage, including any incompatibilities

This product should be stored well out of reach of young children and kept safely apart from products intended for consumption.

The product should be stored in a manner which prevents hazards to health and the environment. Avoid exposure to humans and animals and do not discharge the product in a sensitive environment.

Always use sealed and visibly labeled packages.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s)

Specific end use(s) For research use only. See section 1.2



SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits All ingredients (cf. Section 3) lack occupational exposure limit values.

8.2. Exposure controls

The risks posed by the product or its constituents must be considered in the task specific risk assessment, in accordance with current working environment legislation. The risk assessment should be reviewed regularly and updated if necessary.

Appropriate engineering controls

The ventilation in the workplace must ensure an air quality that meets the requirements of the current working environment legislation. Local exhaust ventilation should be used to remove airborne contaminants at the source.

Eye / face protection Eye protection should be worn if there is any danger of direct exposure or splashing.

Hand protection Required

Respiratory protection Use appropriate respiratory protective equipment in case of insufficient ventilation. The most appropriate respiratory protective equipment should be decided in consultation with the appointed safety representative, taking into account the risk assessment for the specific task.

Environmental exposure controls No special environmental precautions required. Avoid discharge into drains and waterways whenever possible.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	Not indicated
Odour	Not indicated
Melting point / freezing point	Not indicated
Boiling point or initial boiling point and boiling range	Not indicated
Flammability	Not indicated
Lower and upper explosion limit	Not indicated
Flash point	Not indicated
Auto-ignition temperature	Not indicated
Decomposition temperature	Not indicated
pH	6-8
Kinematic viscosity	Not indicated
Viscosity, dynamic	Not indicated
Solubility	Not indicated
Partition coefficient n-octanol/water	Not indicated
Vapour pressure	Not indicated
Density and/or relative density	Not indicated
Relative vapour density	Not indicated
Evaporation Rate	Not indicated
Explosive properties	Not indicated
Oxidising properties	Not indicated

9.2. Other information

Other information	Not indicated
9.2.2. Other safety characteristics	Not indicated

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	The product contains no substances which can lead to hazardous reactions at normal use.
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10.2. Chemical stability

Chemical stability	Stable under normal usage and storage conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No hazardous reactions known during normal use.

10.4. Conditions to avoid

Conditions to avoid None in particular.

10.5. Incompatible materials

Incompatible materials None known.

10.6. Hazardous decomposition products

Hazardous decomposition products None under normal conditions.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on possible health hazards are based on experience and / or toxicological properties of several components in the product.

Acute toxicity No data available

Skin corrosion/irritation No data available

Serious eye damage/irritation No data available

Respiratory/skin sensitization No data available

Germ cell mutagenicity No data available

Carcinogenicity No data available

Reproductive toxicity No data available

STOT-single exposure No data available

STOT-repeated exposure No data available

Aspiration hazard No data available

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties No data available

Other information Not indicated.



SECTION 12: Ecological information

12.1. Toxicity

Toxicity No data available

12.2. Persistence and degradability

Persistence and degradability There is no information regarding persistence or degradability.

12.3. Bioaccumulative potential

Bioaccumulative potential There is no information regarding bioaccumulation.

12.4. Mobility in soil

Mobility Information about mobility in nature is not available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances that are assessed to be a PBT or a vPvB.

12.4. Mobility in soil

Mobility Not indicated.

12.7. Other adverse effects

Other adverse effects No known effects or hazards.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge into sewers.

The product is not classified as hazardous waste.

Empty, rinsed packaging is sent for recycling where practicable.

See directive 2008/98/EC on waste. Observe national or regional provisions on waste management.



SECTION 14: Transport information

14.1. UN number

UN number Not classified as dangerous goods according to transport regulations.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Environmental hazards Not applicable

14.6. Special precautions for user

Special precautions for user Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

14.8 Other transport information

Not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Not indicated.

15.2. Chemical safety assessment

Chemical safety assessment Not indicated.

SECTION 16: Other information

Changes to previous revision

ADR European Agreement concerning the International Transport of Dangerous Goods by Road RID Regulations concerning the International Transport of Dangerous Goods by

Abbreviations Rail IMDG International Maritime Dangerous Goods Code ICAO International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada) IATA The International Air Transport Association

Other

Additional information Not indicated.