

Safety Data Sheets

BOND FISH Kit

Catalog No: DS9374

SDS

Post Hybridization Wash 2

Hyperlinks

[EN](#)

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POST HYBRIDIZATION WASH 2

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Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** POST HYBRIDIZATION WASH 2**REACH Registration Number:** Registration numbers are not available for some or all of the substance ingredients of this mixture as the substance(s) or its uses are exempt from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** Use in laboratories - Professional.**1.3. Details of the supplier of the safety data sheet****Company name:** Leica Biosystems Newcastle Ltd

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Tel: +44 191 2150567**Fax:** +44 191 2151152**Email:** msds@LeicaBiosystems.com**1.4. Emergency telephone number****Emergency tel:** USA and Canada: 1-800-424-9300

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For emergency calls only.

Section 2: Hazards identification**2.1. Classification of the substance or mixture****Classification under CLP:** Repr. 1B: H360D**Classification under CHIP:** T: R61**Most important adverse effects:** May damage the unborn child.**2.2. Label elements****Label elements under CLP:****Hazard statements:** H360D: May damage the unborn child.**Signal words:** Danger**Hazard pictograms:** GHS08: Health hazard

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Precautionary statements: P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
* P280: Wear protective gloves/protective clothing/eye protection/face protection.
P308+313: If exposed or concerned: Get medical advice/attention.
P314: Get medical advice/attention if you feel unwell.

Label elements under CHIP:

Hazard symbols: T; Toxic.



Risk phrases: R61: May cause harm to the unborn child.

Safety phrases: S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S53: Avoid exposure - obtain special instructions before use.

Precautionary phrases: Restricted to professional users.

2.3. Other hazards

Other hazards: Danger of serious damage to health by prolonged exposure.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

FORMAMIDE

EC	CAS	CLP Classification	CHIP Classification	Percent
200-842-0	75-12-7	Repr. 1B: H360D	T: R61	30-50%

SVHC: Formamide is classified as a substance of very high concern.

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.
Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Do not induce vomiting. Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

[cont...]

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Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: No data available.

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

Immediate / special treatment: Show this safety data sheet to the doctor in attendance. Do not induce vomiting.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Alcohol or polymer foam. Alcohol resistant foam. Dry chemical powder. Carbon dioxide. Water spray.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of Carbon Monoxide, Hydrogen Cyanide, Ammonia, and Nitrogen Oxides

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Refer to section 13 of SDS for suitable method of disposal.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

[cont...]

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Avoid incompatible materials and conditions - see section 10 of SDS.

Suitable packaging: Not applicable.

7.3. Specific end use(s)

Specific end use(s): Use in laboratories - Professional.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients: FORMAMIDE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	37 mg/m ³	56 mg/m ³	-	-
IE	18 mg/m ³	-	-	-
US	15 mg/m ³	-	-	-
CA	18 mg/m ³	-	-	-
AU	18 mg/m ³	-	-	-
NZ	18 mg/m ³	-	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Respiratory protection must be available in case of emergency.

Hand protection: Impermeable gloves. Butyl gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing. Rubber boots.

Environmental: Prevent from entering in public sewers or the immediate environment. Ensure all engineering measures mentioned in section 7 of SDS are in place. Refer to specific Member State legislation for requirements under Community environmental legislation.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Odourless

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Miscible.

[cont...]

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Viscosity: No data available.
Kinematic viscosity: No data available.
Viscosity test method: No data available.
Boiling point/range°C: No data available. **Melting point/range°C:** No data available.
Flammability limits %: lower: No data available. **upper:** No data available.
Flash point°C: No data available. **Part.coeff. n-octanol/water:** No data available.
Autoflammability°C: Not applicable. **Vapour pressure:** No data available.
Relative density: No data available. **pH:** No data available.
VOC g/l: No data available.

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Acids. Bases. Iodine. Pyridine. Sulphur Trioxide. Aluminium.
Iron. Copper. Corrodes natural rubber.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of Carbon Monoxide, Hydrogen Cyanide, Ammonia, and Nitrogen Oxides.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Hazardous ingredients:

FORMAMIDE

Route	Species	Test	Value	Units
ORAL	RAT	LD50	5325	mg/kg
GASES	RAT	4H LC50	> 21	mg/l
DERMAL	RAT	LD50	> 3000	mg/kg bw/day

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Excluded effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	-	Based on available data the classification criteria are not met
Acute toxicity (toxic)	-	Based on available data the classification criteria are not met
Acute toxicity (very toxic)	-	Based on available data the classification criteria are not met
Irritation	-	Based on available data the classification criteria are not met
Corrosivity	-	Based on available data the classification criteria are not met
Sensitisation	-	Based on available data the classification criteria are not met
Repeated dose toxicity	-	Based on available data the classification criteria are not met
Carcinogenicity	-	Based on available data the classification criteria are not met
Mutagenicity	-	Based on available data the classification criteria are not met
Toxicity for reproduction	-	Based on available data the classification criteria are not met

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: No data available.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

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12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Not applicable.

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Land (ADR/RID): Not regulated for transport by land.

Sea (IMDG): Not regulated for transport by sea.

Air (IATA): Not regulated for transport by air.

Inland Waterways (ADNR/AND): Not regulated for transport by inland waterways.

Sub-section 14.1 to 14.7 do not apply. However, as with all chemicals, packages containing this substance should be handled during loading, transport, and unloading operations in a manner which minimises the risk of damage to and leakage from those packages.

Section 15: Regulatory information

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

Specific regulations: This safety data sheet has been prepared according to;

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on classification, labelling and packaging of substances and mixtures.

DIRECTIVE 1999/45/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

[cont...]

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15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: * indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H360D: May damage the unborn child.

R61: May cause harm to the unborn child.

Legal 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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.