

SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Preparation Name : Fidelio® Hot Start PCR Kit

Catalog Number : OZYA010-20 / OZYA010-50 / OZYA010-200

Use of the preparation : For laboratory use.

Company identification : OZYME

Site : <https://www.ozyme.fr>

Email : info@ozyme.fr

SECTION 2: HAZARDS SUMMARIZING

Emergency summary

excessive exposure requires special first aid measures and medical follow-up. Fire: use carbon dioxide, sand, powder fire extinguisher. If necessary, wear self-contained breathing apparatus to put out the fire.

GHS hazard classification

not hazardous substances or mixtures according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical Name	CAS-No	Content	Classification
Glycerol	56-81-5	50%	Not hazardous at this concentration
IGEPAL CA-630	9036-19-5	0.54%	Acute toxicity -Category 4, Oral Serious, eye damage, Category 1
Tween 20	9005-64-5	0.25%	Not hazardous at this concentration
Dithiothreitol	3483-12-3	1 mM	Not hazardous at this concentration

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SECTION 4: FIRST AID MEASURES

Skin contact	Flush carefully with water for a few minutes. If symptoms appear, seek medical advice.
Eye contact	Immediately rinse with plenty of water for at least 15 minutes, including the region under the eyelids. If symptoms continue, please immediately call a doctor.
Ingestion	Do not feed anything through the mouth of unconscious patients. If symptoms persist, please immediately call a doctor. Do not induce vomiting without medical advice.
Inhalation	Move to fresh air area. If symptoms continue, please immediately call a doctor. If breathing stops, please give artificial respiration.

SECTION 5: FIRE-FIGHTING MEASURES

Special risk description

no data available

Fire extinguishing method or agent

use carbon dioxide, sand, powder to extinguish fire.

Fire precautions and measures

If necessary, wear self-contained breathing apparatus to put out the fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Protective measures, protective equipment and emergency procedures for operators

Use personal protective equipment. Avoid dust formation. Avoid breathing vapor, smoke or gases. Ensure adequate ventilation. Evacuate to a safe area. Avoid breathing dust.

Environmental protection measures

Excessive exposure requires special first aid measures and medical follow-up. Fire: use carbon dioxide, sand, powder fire extinguisher. If necessary, wear self-contained breathing apparatus to put out the fire.

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Methods of storage and removal of the spilled chemicals and the materials used for disposal

Containment of the spill, collection of the spill with an electricity-proof vacuum cleaner or wet brush, and place the spill into containers for disposal according to local regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Prevent the formation of dust and aerosols. Provide suitable exhaust equipment where dust is generated. Prevent inhalation of steam and smoke. Keep away from the fire. - NO FIREWORKS. Measures should be taken to prevent electrostatic accumulation.

Precautions for safe storage

Store in a cool place. Keep containers closed and stored in a dry, ventilated place.

Incompatibility

See part 10.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits in the workplace

MAC (mg/m ³)	no data available
PC-STEL (mg/m ³)	no data available
TLV-TWA (mg/m ³)	no data available
PC-TWA (mg/m ³)	no data available
TLV-C (mg/m ³)	no data available
TLV=STEL (mg/m ³)	no data available

Detection method

no data available

Engineering control

closed production process, enhance ventilation. Provide safe shower and eye wash facilities

Exposure control

Respiratory protection: if the risk assessment indicates the use of air-purifying gas masks, please use full-face multi-function gas masks or gas mask canister as alternate engineering control. If a gas mask is the only way of protection, use a full-face gas supplied mask. Use respirators and parts that have been tested and passed government standards.

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Hand protection	wear chemical-resistant gloves
Eye protection	wear chemical safety glasses.
Skin and body protection	wear chemical protective clothing.
Other protection	NO smoking at work. After work, shower and change clothes. Pay attention to personal hygiene.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Smell	odorless
Boiling point	100 °C
Autoignition temperature	no data available
Oxidability	unavailable information
Water solubility	Very soluble
Viscosity	Slightly viscous

SECTION 10: STABILITY AND REACTIVITY

Stability	stable under normal conditions
Hazardous reaction	no data available
Conditions to avoid	no data available
Incompatible substance	no data available
Dangerous decomposition products	no data available

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

no harm

Potential health effects

Eyes	May cause eye irritation in susceptible people
Skin	May cause eye irritation in susceptible people

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Inhalation	Harmful by inhalation
Ingestion	Swallowing may be harmful
Carcinogenesis	N/A
Mutagenic effect	N/A
Reproduction toxicity	N/A
Allergenicity	N/A
Target organ effect	no known effects on normal use conditions

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Contains no substances that are dangerous to the environment
Mobility	No useful information
Biodegradability	No useful information
Biocumulativity	No useful information

SECTION 13: DISPOSAL

Dispose of contents and containers in accordance with local regulations and laws.

SECTION 14: TRANSPORT INFORMATION

DATA

Correct transport name not dangerous goods in the legal sense of transport

Hazard category	N/A
Subcategory	N/A
Packaging group	N/A
UN number	N/A

SECTION 15: REGULATORY INFORMATION

International directory Conform

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SECTION 16: OTHER INFORMATION

None

Reason for Revision (M)SDS sections updated.

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The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

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