

Section 1: Company and Chemical Identification

Epicentre® an Illumina® Company
5602 Research Park Blvd., MADISON WI 53719
Emergency Tel: 608-258-3080 or 800-284-8474 7:30-4:30 Central Time Zone

Stop Solution as a component of QuickExtract™ FFPE RNA Extraction Kits, QFR82050 and QFR82805 .

Section 2: Composition and Information on Hazardous Ingredients

<u>Component</u>	<u>% Wt</u>
Stop Solution	3.5-4.5

Section 3: Hazards Identification

Emergency Overview

Appearance: solution containing dissolved white powders

Caution! Powder form may cause eye and skin irritation.

Target Organs: No data found.

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation. (Sensitizer)

Ingestion: Very hazardous in case of ingestion.

Inhalation: May cause respiratory tract irritation. The toxicological properties have not been fully identified.

Carcinogenic, Tetratogenic, Mutagenic Effects and Developmental Toxicity not available.

Section 4: First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15-20 minutes, occasionally lifting upper and lower eyelids. Obtain medical assistance. Remove contact lenses before treatment.

Skin: Obtain medical assistance. Flush skin with plenty of water for at least 15-20 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Ingestion: Never give anything by mouth to an unconscious person. Obtain medical assistance. Do **not** induce vomiting unless directed by medical personnel. If conscious and alert, rinse mouth and drink 2-4 cupfuls water. Wash mouth out with water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical assistance.

Notes to Physician: Treat symptomatically and supportively.

Section 5: Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand mode, MSHA/NIOSH (approved or equivalent), and wear full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. runoff from fire control or dilution water may cause pollution.

Extinguishing Media: In case of fire, use water, dry chemical, chemical foam, or alcohol-resistance foam. Use agent most appropriate to extinguish the fire.

Flash point, Flammable Limits: Not available

Autoignition temperature: Not available

Explosion Limits, Lower and Upper: Not available

May be combustible at high temperature: Not available

No Special Remarks Available for fire or explosion hazards.

Section 6: Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions given in Section 8. If liquid evaporates, avoid dusty conditions. Provide ventilation. Follow local, regional and national disposal regulations and requirements.

Section 7: Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid breathing dust, vapor, mist, or gas. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage: Store in a tightly closed container. Avoid heat. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8: Exposure Controls/Personal Protection

Engineering controls: Facilities storing or using this material should be equipped with an eyewash facility and safety shower.

Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Exposure limits: No OSHA Final or vacated PELS, not NIOSH or ACGIH listed. Avoid repeated exposure.

Respiratory protection: Follow respirator rules 29CFR1910.134, European Standard EN149 or other appropriate standard.

Use a NIOSH/MSHA or European EN 149 approved respirator if irritation or other symptoms are experienced.

Personal Protective Equipment: Wear appropriate clothing and gloves to prevent skin exposure. Wear protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29CFR1910.133 or EN 166.

Section 9: Physical and Chemical Properties

Physical state: liquid; dissolved powder

Appearance: Clear viscous solution

Odor: Not available

pH: Not available

vapor pressure and density: Not available

Evaporation rate: Not available

Viscosity: Not available

Boiling point: Not available.

Decomposition temperature: Not available

Specific gravity: Not available

Section 10: Stability and Reactivity

Stability: Stable under normal temperatures and pressures

Incompatibility: excess heat, flames, strong oxidants

Hazardous decomposition products: nitrogen oxides, carbon monoxide, irritation and toxic fumes and gases, carbon dioxide.

Hazardous polymerization: Will not occur.

Corrosivity: Non-corrosive towards glass.

Section 11: Toxicological Information

Routes of entry, eye, inhalation, ingestion

LD50: oral rat: 3587 mg/kg

LC50: Not available

Carcinogenicity: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Not regulated by OSHA

Toxicity: Very hazardous if ingested. Irritant if skin contact or inhalation.

No special remarks on toxicity to animals or humans

No information found for epidemiology, teratogenicity, reproductive effects, and mutagenicity.

Section 12: Ecological Information

Ecotoxicity: No information available.
BOD5 and COD: Not available.
Products of Biodegradation: Possible hazardous long term degradation may occur.
Biodegradation Product Toxicity: Degradation products are more toxic.

Section 13: Disposal Considerations

Dispose material and container in accordance with appropriate federal, state and local laws and regulations.

Section 14: Transport Information

No special considerations are known. Not a DOT/IATA controlled material.

Section 15: Regulatory Information

Listed on TSCA Inventory.
EC: Yes Japan: no Australia: Yes Korea: No DSL: No NDSL: No Philippines: Yes
TSCA 8(b) inventory: present
TSCA 8(d): No
Exposure limits not established
DSCL (EEC) Irritating to eyes and skin
SARA 302: Does not have an RQ or TPQ
SARA 311/312: Acute Yes Chronic No Fire No Pressure: No Reactivity: No
SARA 313: Not reportable
RCRA: No
CDTA: No
CERCLA: No
Chemical weapons convention: no
Not on CA, PA, MN, MA, FL, or NJ state lists.
Not listed in California Prop 65.
Safety phase: avoid ingestion and contact with skin and eyes.
NFPA: Health 2; Flammability: 1; Reactivity: 0; Specific Hazard: N/A
HMIS (USA) Health Hazard: 2; Fire Hazard: 1; Reactivity: 0; Personal Protection: E
Canada- Not controlled under WHMIS.

Section 16: Other Information

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