Section 1: Chemical Product and Company Identification

Cat#: 26419A
Part Name: Differential Quik III Fixative
Supplier: Polysciences, Inc.
400 Valley Road
Warrington, PA 18976 USA
Company phone number 215-343-6484, 24-hour emergency phone number ChemTel 1-800-255-3924
Contract # MIS1592086

Identified uses: Laboratory use, manufacture of substances

Section 2: Hazards Identification

Hazard Overview
May cause target organ or system damage -
Toxic if inhaled, absorbed through skin or swallowed.

GHS Classification
Acute Toxicity Dermal Cat2, Acute Toxicity Oral Cat 2, Acute Toxicity Inhalation Cat 2
Flammable Liquids Category 2
Specific Target Organ Toxicity - Repeated or Prolonged Exposure Category 3

Signal word: Danger

Hazard and Precautionary Statements

H225 Highly flammable liquid and vapour.
H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled
H373 May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P280A Wear protective gloves
P285 In case of inadequate ventilation wear respiratory protection.
P301 IF SWALLOWED:
P301A IF SWALLOWED do not induce vomiting. Do not give anything to drink. Obtain medical attention without delay.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305 IF IN EYES:
P305B IF IN EYES, Separate eyelids with finger tips.
P314 Get medical advice/attention if you feel unwell.
P351 Rinse cautiously with water for several minutes.
P501 Dispose of contents/container to proper waste area in accordance with institutional practices and local, state or federal regulations.

NFPA Rating
Hazard Ratings:
These ratings are Polysciences’ Inc. own assemsments of the properties of the material using the ANSI/NFPA 704 Standard.
Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49).

If no data is listed the information is not available.

Health Flammability Reactivity
1 3 0

Section 3: Composition/ Information on Ingredients

Note: Items listed with a CASRN... number have no CAS# available.

<table>
<thead>
<tr>
<th>Item#</th>
<th>Name</th>
<th>EINECS</th>
<th>CAS#</th>
<th>% in product</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Methanol</td>
<td>200-659-6</td>
<td>0000067-56-1</td>
<td>90 - 100</td>
</tr>
</tbody>
</table>

Section 4: First Aid Measures

Contact medical personnel if discomfort persists.
Flush eyes with flowing water for at least 15 minutes.
For eye contact, obtain emergency medical attention.
If breathing is difficult, contact emergency personnel.
If swallowed, NO NOT INDUCE vomiting. Give 8 oz. of water or milk to drink. Call a physician or the POISON CONTROL CENTER immediately.
Never give anything by mouth to an unconscious person.
Separate eyelids with finger tips.
Wash skin with deluge of water for at least 15 minutes.

Section 5: Fire Fighting Measures
Flash point, deg F.: 49.5
Method: TCC
UEL: 36
LEL: 6
Autoignition temperature, deg. F.: 725 F
Flammability Classification: IB
Flame Propagation Rate: nap
Hazardous Combustion Products: nap

Section 6: Accidental Release Measures
Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.
Absorb liquids on absorbent material.
Protect personnel from exposure.
Remove ignition sources.
Ventilate the area.

Section 7: Handling and Storage
Keep away from heat, sparks, and flame.
Store at room temp
Store in a tightly closed container.

Section 8: Exposure Controls/ Personal Protection

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Use chemical splash goggles and face shield.
Use latex or equivalent gloves.
Use process enclosures, local exhaust ventilation, or other engineering controls.
Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product.
Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product. Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

Section 9: Physical and Chemical Properties
Formula: CH3OH
Formula Weight: 32.05
boiling point: 148
melting point: -98 C
solubility: 100%
 appearance: clear light blue-green liquid free of precipitate
vapor pressure: 97.7 at 20 C.
vapor density: 1.11
Specific gravity: 0.791
ph: nap

Section 10: Stability and Reactivity
Chemical Stability stable
Conditions to Avoid: heat, flame
Incompatibility with other materials: strong oxidizers
Hazardous Decomposition Products: no data
Hazardous Polymerization: will not occur

Section 11: Toxicological Information
Acute Data: LD50 oral rat 5628 mg/Kg; LC50 inhalation rat 64000 ppm; LD50 skin rabbit 15800 ppm
Subchronic data: no data

Section 12: Ecological Information
no data

Section 13: Disposal Considerations
The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

Waste Code  Regulated Name

Section 14: Transportation Data

Proper Shipping Name: METHANOL
Chemical Name:
UN: UN1230
Class: 3  6.1
PG: II

Section 15: Regulatory Information

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

<table>
<thead>
<tr>
<th>Column A</th>
<th>Column B</th>
</tr>
</thead>
</table>

State Regulatory Information: If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

SARA Toxic Release Chemicals (as defined in Section 313 of SARA Title III)
This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

<table>
<thead>
<tr>
<th>Regulated name</th>
<th>de minimis conc. %</th>
<th>Rep. Thres.</th>
</tr>
</thead>
</table>

SARA Extremely Hazardous Substances and TPQs
This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

<table>
<thead>
<tr>
<th>Regulated name</th>
<th>TPQ (pounds)</th>
<th>EHS-RQ (pounds)</th>
</tr>
</thead>
</table>

CERCLA
The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302. Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

<table>
<thead>
<tr>
<th>Regulated name</th>
<th>RQ (pounds)</th>
</tr>
</thead>
</table>

Section 16: Other Information

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END OF MSDS