SECTION 1: Identification

1.1. Identification

Product form: Mixtures
Product name: Formaldehyde-Sodium Carbonate Solution
Product code: LC14680

1.2. Recommended use and restrictions on use

Use of the substance/mixture: For laboratory and manufacturing use only.
Recommended use: Laboratory chemicals
Restrictions on use: Not for food, drug or household use

1.3. Supplier

LabChem Inc
Jackson's Pointe Commerce Park Building 1000, 1010 Jackson's Pointe Court
Zelienople, PA 16063 - USA
T 412-826-5230 - F 724-473-0647
info@labchem.com - www.labchem.com

1.4. Emergency telephone number

Emergency number: CHEMTREC: 1-800-424-9300 or +1-703-741-5970

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

<table>
<thead>
<tr>
<th>Flammable liquids</th>
<th>Category 2</th>
<th>Highly flammable liquid and vapour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Category 4</td>
<td>Harmful if inhaled</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 1C</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>Skin sensitization, Category 1</td>
<td></td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>Carcinogenicity Category 1A</td>
<td></td>
<td>May cause cancer (Inhalation)</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Category 1</td>
<td>Causes damage to organs (respiratory system, Skin)</td>
</tr>
<tr>
<td>Hazardous to the aquatic environment - Acute Hazard Category 3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Full text of H statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS-US labeling

Hazard pictograms (GHS-US): 

- GHS02
- GHS05
- GHS07
- GHS08

Signal word (GHS-US): Danger

Hazard statements (GHS-US):

- H225 - Highly flammable liquid and vapour
- H314 - Causes severe skin burns and eye damage
- H317 - May cause an allergic skin reaction
- H332 - Harmful if inhaled
- H350 - May cause cancer (Inhalation)
- H370 - Causes damage to organs (respiratory system, Skin)
- H402 - Harmful to aquatic life
Precautionary statements (GHS-US):
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P205 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking.
P206 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical, lighting, ventilating equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P260 - Do not breathe mist, vapors, spray.
P264 - Wash exposed skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a poison center or doctor/physician.
P363 - Wash contaminated clothing before reuse.
P370+P378 - In case of fire: Use alcohol resistant foam, carbon dioxide (CO2) to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container to comply with local, state and federal regulations.

2.3. Other hazards which do not result in classification
Other hazards not contributing to the classification: None under normal conditions.

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/Information on ingredients
3.1. Substances
Not applicable
3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>(CAS-No.) 7732-18-5</td>
<td>78.37</td>
<td>Not classified</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>(CAS-No.) 50-00-0</td>
<td>16.45</td>
<td>Acute Tox. 1 (Inhalation:gas), H330</td>
</tr>
<tr>
<td>Methanol</td>
<td>(CAS-No.) 67-56-1</td>
<td>5.15</td>
<td>Flam. Liq. 2, H225</td>
</tr>
<tr>
<td>Sodium Carbonate, Anhydrous</td>
<td>(CAS-No.) 497-19-8</td>
<td>0.03</td>
<td>Skin Irrit. 2, H315</td>
</tr>
</tbody>
</table>

Full text of hazard classes and H-statements: see section 16

SECTION 4: First-aid measures
4.1. Description of first aid measures
First-aid measures general: Never give anything by mouth to an unconscious person. Call a POISON CENTER or doctor/physician.
First-aid measures after inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
First-aid measures after skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor/physician. Wash contaminated clothing before reuse.
First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

4.2. Most important symptoms and effects (acute and delayed)
Symptoms/effects: Causes severe skin burns and eye damage. Causes damage to organs.
Symptoms/effects after inhalation: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause an allergic skin reaction. May cause cancer by inhalation.

Symptoms/effects after eye contact: Causes serious eye damage.

4.3. Immediate medical attention and special treatment, if necessary
Obtain medical assistance.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media
Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical
Reactivity: Thermal decomposition generates: Corrosive vapors.

5.3. Special protective equipment and precautions for fire-fighters
Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel
Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment: Equip cleanup crew with proper protection. Avoid breathing mist, spray.
Emergency procedures: Ventilate area.

6.2. Environmental precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections
See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Use only outdoors or in a well-ventilated area. Do not breathe mist, vapors, spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
Hygiene measures: Wash exposed skin thoroughly after handling. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures: Comply with applicable regulations.
Storage conditions: Keep only in the original container in a cool, well ventilated place away from: Heat sources, Ignition sources, incompatible materials. Keep container closed when not in use.
Incompatible products: Strong bases. Strong oxidizers.
Incompatible materials: Sources of ignition. Direct sunlight.
Storage temperature: 12 - 25 °C

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Formaldehyde (50-00-0)</th>
<th>ACGIH</th>
<th>ACGIH Ceiling (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>0.37 mg/m³</td>
</tr>
</tbody>
</table>
Formaldehyde-Sodium Carbonate Solution
Safety Data Sheet

Formaldehyde (50-00-0)

<table>
<thead>
<tr>
<th></th>
<th>ACGIH Ceiling (ppm)</th>
<th>0.3 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>OSHA PEL (TWA) (ppm)</td>
<td>0.75 ppm</td>
</tr>
<tr>
<td></td>
<td>OSHA PEL (STEL) (ppm)</td>
<td>2 ppm</td>
</tr>
<tr>
<td></td>
<td>IDLH US IDLH (ppm)</td>
<td>20 ppm</td>
</tr>
<tr>
<td></td>
<td>NIOSH NIOSH REL (TWA) (ppm)</td>
<td>0.016 ppm</td>
</tr>
<tr>
<td></td>
<td>NIOSH NIOSH REL (ceiling) (ppm)</td>
<td>0.1 ppm 15 min.</td>
</tr>
</tbody>
</table>

Methanol (67-56-1)

<table>
<thead>
<tr>
<th></th>
<th>ACGIH TWA (ppm)</th>
<th>200 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>ACGIH STEL (ppm)</td>
<td>250 ppm</td>
</tr>
<tr>
<td></td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>260 mg/m³</td>
</tr>
<tr>
<td></td>
<td>OSHA PEL (TWA) (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td></td>
<td>IDLH US IDLH (ppm)</td>
<td>6000 ppm</td>
</tr>
<tr>
<td></td>
<td>NIOSH NIOSH REL (TWA) (mg/m³)</td>
<td>250 mg/m³</td>
</tr>
<tr>
<td></td>
<td>NIOSH NIOSH REL (TWA) (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td></td>
<td>NIOSH NIOSH REL (STEL) (mg/m³)</td>
<td>325 mg/m³</td>
</tr>
<tr>
<td></td>
<td>NIOSH NIOSH REL (STEL) (ppm)</td>
<td>250 ppm</td>
</tr>
<tr>
<td></td>
<td>NIOSH Remark (NIOSH)</td>
<td>Skin</td>
</tr>
</tbody>
</table>

Sodium Carbonate, Anhydrous (497-19-8)
Not applicable

Water (7732-18-5)
Not applicable

8.2. Appropriate engineering controls

Appropriate engineering controls: Ensure adequate ventilation. Material should be handled in a laboratory hood whenever possible. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Hand protection:
Wear protective gloves.

Eye protection:
Chemical goggles or face shield

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Gas mask.
Other information:
Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- **Physical state**: Liquid
- **Color**: Colorless
- **Odor**: Characteristic
- **Odor threshold**: No data available
- **pH**: No data available
- **Melting point**: No data available
- **Freezing point**: No data available
- **Boiling point**: No data available
- **Flash point**: No data available
- **Relative evaporation rate (butyl acetate=1)**: No data available
- **Flammability (solid, gas)**: Non flammable.
- **Vapor pressure**: No data available
- **Relative vapor density at 20 °C**: No data available
- **Relative density**: No data available
- **Solubility**: Soluble in water.
- **Log Pow**: No data available
- **Auto-ignition temperature**: No data available
- **Decomposition temperature**: No data available
- **Viscosity, kinematic**: No data available
- **Viscosity, dynamic**: No data available
- **Explosion limits**: No data available
- **Explosive properties**: No data available
- **Oxidizing properties**: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Thermal decomposition generates: Corrosive vapors.

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong oxidizers. Strong bases.

10.6. Hazardous decomposition products


SECTION 11: Toxicological information

11.1. Information on toxicological effects

- **Likely routes of exposure**: Inhalation; Skin and eye contact
- **Acute toxicity**: Not classified
Formaldehyde-Sodium Carbonate Solution  
Safety Data Sheet  
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Formaldehyde-Sodium Carbonate Solution  
LD50 oral rat 3281 mg/kg  
LC50 inhalation rat (mg/l) 3.79 mg/l/4h  
ATE US (oral) 3281 mg/kg body weight  
ATE US (vapors) 3.79 mg/l/4h  
ATE US (dust, mist) 3.79 mg/l/4h  

Formaldehyde (50-00-0)  
LD50 oral rat 500 mg/kg  
LC50 inhalation rat (ppm) 0.579 ppm/4h  
ATE US (oral) 500 mg/kg body weight  
ATE US (gases) 0.579 ppmV/4h  

Methanol (67-56-1)  
LD50 oral rat 1187 - 2769 mg/kg body weight (BASF test, Rat, Male/female, Weight of evidence)  
LD50 dermal rabbit 17100 mg/kg (Rabbit, Inconclusive, insufficient data)  
LC50 inhalation rat (mg/l) 128.2 mg/l air (BASF test, 4 h, Rat, Male/female, Weight of evidence)  
ATE US (oral) 100 mg/kg body weight  
ATE US (dermal) 300 mg/kg body weight  
ATE US (gases) 700 ppmV/4h  
ATE US (vapors) 0.5 mg/l/4h  

Sodium Carbonate, Anhydrous (497-19-8)  
LD50 oral rat 4090 mg/kg  
ATE US (oral) 4090 mg/kg body weight  

Water (7732-18-5)  
LD50 oral rat ≥ 90000 mg/kg  
ATE US (oral) 90000 mg/kg body weight  

Skin corrosion/irritation : Causes severe skin burns and eye damage.  
Serious eye damage/irritation : Causes serious eye damage.  
Respiratory or skin sensitization : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : May cause cancer (Inhalation).  

Formaldehyde (50-00-0)  
IARC group 1 - Carcinogenic to humans  
National Toxicology Program (NTP) Status 2 - Known Human Carcinogens  
Reproductive toxicity : Not classified  
Specific target organ toxicity – single exposure : Causes damage to organs (respiratory system, Skin).  
Specific target organ toxicity – repeated exposure : Not classified  
Aspiration hazard : Not classified  
Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met. Harmful if inhaled.  
Symptoms/effects after inhalation : Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause an allergic skin reaction. May cause cancer by inhalation.  
Symptoms/effects after eye contact : Causes serious eye damage.  

SECTION 12: Ecological information  
12.1. Toxicity  
Ecology - water : Harmful to aquatic life.  
Formaldehyde-Sodium Carbonate Solution  
EC50 Daphnia 1 13.12 mg/l
Formaldehyde-Sodium Carbonate Solution
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Methanol (67-56-1)</th>
<th>LC50 fish 1</th>
<th>15400 mg/l (EPA 660/3 - 75/009, 96 h, Lepomis macrochirus, Flow-through system, Fresh water, Experimental value)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EC50 Daphnia 1</td>
<td>18260 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 96 h, Daphnia magna, Semistatic system, Fresh water, Experimental value)</td>
</tr>
<tr>
<td></td>
<td>ErC50 (algae)</td>
<td>22000 mg/l (OECD 201: Alga, Growth Inhibition Test, 96 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sodium Carbonate, Anhydrous (497-19-8)</th>
<th>LC50 fish 1</th>
<th>300 mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EC50 Daphnia 1</td>
<td>265 mg/l</td>
</tr>
<tr>
<td></td>
<td>LC50 fish 2</td>
<td>740 mg/l</td>
</tr>
</tbody>
</table>

### 12.2. Persistence and degradability

Formaldehyde-Sodium Carbonate Solution
Persistence and degradability Not established.

Methanol (67-56-1)
Persistence and degradability Biodegradable in the soil. Readily biodegradable in water.

Biochemical oxygen demand (BOD) 0.6 - 1.12 g O₂/g substance
Chemical oxygen demand (COD) 1.42 g O₂/g substance
ThOD 1.5 g O₂/g substance

Sodium Carbonate, Anhydrous (497-19-8)
Persistence and degradability Not established.

Water (7732-18-5)
Persistence and degradability Not established.

### 12.3. Bioaccumulative potential

Formaldehyde-Sodium Carbonate Solution
Bioaccumulative potential Not established.

Formaldehyde (50-00-0)
Log Pow 0.35

Methanol (67-56-1)
BCF fish 1 1 - 4.5 (72 h, Cyprinus carpio, Static system, Fresh water, Experimental value)
Log Pow -0.77 (Experimental value)
Bioaccumulative potential Low potential for bioaccumulation (BCF < 500).

Sodium Carbonate, Anhydrous (497-19-8)
Bioaccumulative potential Not established.

Water (7732-18-5)
Bioaccumulative potential Not established.

### 12.4. Mobility in soil

Methanol (67-56-1)
Surface tension 0.023 N/m (20 °C)
Log Koc -0.89 - -0.21 (log Koc, Calculated value)
Ecology - soil Highly mobile in soil.

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with local, state and federal regulations.

05/15/2018 EN (English US)
Formaldehyde-Sodium Carbonate Solution
Safety Data Sheet

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)
In accordance with DOT
Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

<table>
<thead>
<tr>
<th>Formaldehyde-Sodium Carbonate Solution</th>
<th>SARA Section 311/312 Hazard Classes</th>
<th>Immediate (acute) health hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Delayed (chronic) health hazard</td>
</tr>
</tbody>
</table>

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

<table>
<thead>
<tr>
<th>Formaldehyde</th>
<th>CAS-No. 50-00-0</th>
<th>16.45%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>CAS-No. 67-56-1</td>
<td>5.15%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Formaldehyde (50-00-0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RQ (Reportable quantity, section 304 of EPA's List of Lists)</td>
</tr>
<tr>
<td>SARA Section 302 Threshold Planning Quantity (TPQ)</td>
</tr>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Methanol (67-56-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RQ (Reportable quantity, section 304 of EPA's List of Lists)</td>
</tr>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

15.2. International regulations

CANADA
No additional information available

<table>
<thead>
<tr>
<th>Methanol (67-56-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sodium Carbonate, Anhydrous (497-19-8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
</tr>
</tbody>
</table>

EU-Regulations
No additional information available

National regulations

<table>
<thead>
<tr>
<th>Formaldehyde (50-00-0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on IARC (International Agency for Research on Cancer)</td>
</tr>
<tr>
<td>Listed as carcinogen on NTP (National Toxicology Program)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sodium Carbonate, Anhydrous (497-19-8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the Canadian IDL (Ingredient Disclosure List)</td>
</tr>
</tbody>
</table>

15.3. US State regulations

This product can expose you to Formaldehyde, which is known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
### Formaldehyde-Sodium Carbonate Solution

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Formaldehyde (50-00-0)</th>
<th>Methanol (67-56-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>U.S. - California -</strong></td>
<td><strong>U.S. - California -</strong></td>
</tr>
<tr>
<td><strong>Proposition 65 -</strong></td>
<td><strong>Proposition 65 -</strong></td>
</tr>
<tr>
<td><strong>Carcinogens List</strong></td>
<td><strong>Developmental Toxicity</strong></td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

| **No significant risk level (NSRL)** |
| No | Yes | No | No |

#### SECTION 16: Other information

**Revision date** : 05/15/2018

**Other information** : None.

Full text of H-phrases: see section 16:

| H225 | Highly flammable liquid and vapour |
| H301 | Toxic if swallowed |
| H311 | Toxic in contact with skin |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H330 | Fatal if inhaled |
| H331 | Toxic if inhaled |
| H332 | Harmful if inhaled |
| H350 | May cause cancer |
| H370 | Causes damage to organs |
| H402 | Harmful to aquatic life |

**NFPA health hazard** : 3 - Materials that, under emergency conditions, can cause serious or permanent injury.

**NFPA fire hazard** : 1 - Materials that must be preheated before ignition can occur.

**NFPA reactivity** : 0 - Material that in themselves are normally stable, even under fire conditions.
Formaldehyde-Sodium Carbonate Solution
Safety Data Sheet

Hazard Rating

Health : 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given

Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal protection : J

  J - Splash goggles, Gloves, Synthetic apron, Dust & vapor respirator

SDS US LabChem

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