Section 1. Identification of the Substance/Mixture and the Company

1.1 Product Identifier

Product Name: Acetic Acid Solution 12%
Product Number: SSC-AAK500, SSC-AAK999

1.2 Intended use

EN: Laboratory reagent. For professional use only.
EL: Ερεθιστικό εργαλείο. Για επαγγελματική χρήση μόνο.
ES: Reactivo de laboratorio. Sólo para uso profesional.
FR: Réactif de laboratoire. Pour un usage professionnel uniquement.
IT: Laboratorio di reagente. Solo per uso professionale.
NL: Laboratoriumreagens. Alleen voor professioneel gebruik.
PT: Reagente de laboratório. Para uso profissional.
SV: Laboratoriereagens. Endast för yrkesmässig användning.

1.3 Details of the supplier of the safety data sheet

Manufactured For: StatLab Medical Products
Address: 2090 Commerce Drive
McKinney, TX 75069
U.S.A.

Phone Number: 800-442-3573
Fax Number: 972-436-1369
Website: statlab.com

1.4 Emergency telephone numbers

CHEMTREC: 800-424-9300 (USA & Canada)
CHEMTREC: 703-527-3887 (International)
Non-transport: 972-436-1010 (USA)

Section 2. Hazards Identification

2.1 Classification:

Regulation (EC) No 1272/2008 (CLP)
Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319

Classification:
OSHA 29 CFR 1910.1200 HCS
Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319

Classification:
Directive 1999/45/EC
Xi, S1/2, S26, S45
EN: Imitant
DA: Lokalimiterende
DE: Reizend
EL: Ερεθιστικό
ES: Imitante
FR: Imitant
IT: Imitante
NL: Imiterend
PT: Imitante
SV: Imiterande

For full text of R- & S- phrases: see Section 15.
2.2 Label Elements

Pictogram(s):

Signal Word: Warning

Hazard Statement(s):
H315 – Causes skin irritation
H319 – Causes serious eye irritation

Precautionary statement(s):
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P305 + P351 - IF IN EYES: Rinse cautiously with water for several minutes.

NFPA Scale: 0-4

HMIS (U.S.A.) Scale: 0-4

HEALTH 1
FLAMMABILITY 0
PHYSICAL HAZARD 0
PERSONAL PROTECTION B

2.3 Other Hazards

PBT: This mixture does not contain any substances that are assessed to be a PBT.
vPvB: This mixture does not contain any substances that are assessed to be a vPvB.

Section 3. Composition and Information on Ingredients

3.2 Chemical Description: Mixture

*May contain additional non-hazardous proprietary ingredients.

*May contain additional active ingredients at concentrations <0.1%w/v.

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>CAS#</th>
<th>EC#</th>
<th>GHS Symbols</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetic Acid</td>
<td>64-19-7</td>
<td>200-580-7</td>
<td>Warning, 3, H226 Flammable liquid and vapour. Danger. 1A H314 Causes severe skin burns and eye damage.</td>
<td>≤ 12</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

4.1 Description of first aid measures

Eye Contact: Check for and remove contact lenses. Immediately flush eyes with copious amounts of water and get immediate medical attention if irritation persists.

Skin Contact: Remove contaminated clothing and wash contact area with mild soap and copious amounts of water. Get medical attention if irritation develops.

Inhalation: If inhaled, remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms worsen.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as collar, tie, belt or waistband. Get medical attention if symptoms arise.

4.2 Most important symptoms and effects, both acute and delayed

See section 2.2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

Prepared according to Regulation (EC) No 1272/2008 (CLP)
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Section 5. Fire Fighting Measures

5.1 Extinguishing Media
Extinguish fire using water spray, carbon dioxide, chemical foam, or dry chemical.

5.2 Special hazards arising from the substance or mixture
Carbon oxides.

5.3 Advice for firefighters
As with any fire, wear personal protection equipment, including a self-contained breathing apparatus (S.C.B.A.)

Section 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear chemical resistant clothing, gloves, and eye protection. Wear NIOSH/MSHA approved breathing apparatus.

6.2 Environmental precautions
Keep material away from heat, flame, ignition sources, and reactive materials. Don’t allow product to enter drain.

6.3 Methods and materials for containment and cleaning up
Wipe up or absorb spill using inert absorbent and place in a suitable waste container for disposal.

Section 7. Handling and Storage

7.1 Precautions for safe handling.
Avoid contact with skin and eyes. Wash thoroughly after handling. Avoid breathing vapor.

7.2 Conditions for safe storage, including any incompatibilities.
Store in well ventilated area. Keep container tightly closed. Store at 15-30°C.

7.3 Specific end use(s).
See section 1.2

Section 8. Exposure Controls / Personal Protection

8.1 Control parameters
Exposure Limits:
Acetic acid, glacial:
ACGIH TLV: 15 ppm (37 mg/m³) STEL
10 ppm (25 mg/m³) TWA
NIOSH REL: 15 ppm (37 mg/m³) STEL
10 ppm (25 mg/m³) TWA
OSHA PEL: 10 ppm (25 mg/m³) TWA

8.2 Exposure controls
Personal Protective Equipment (PPE):
Eye/Face protection.
Safety glasses or goggles are required.
Skin protection.
Protective clothing is required.
Hand protection.
Chemical resistant gloves are required.
Glove material must be resistant to the components of this product.
Consult glove manufacturer for specific recommendations of appropriate material and thickness of glove.
Respiratory protection.
Avoid breathing vapor.
Environmental exposure controls.
Avoid releasing large quantities into the environment.
No additional information.

Engineering Controls
Working area should be adequately large and well ventilated to prevent concentration of vapors.

Prepared according to Regulation (EC)No 1272/2008 (CLP)
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### Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight vinegar odor.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Unknown</td>
</tr>
<tr>
<td>pH</td>
<td>2.0-3.0</td>
</tr>
<tr>
<td>Melting Point/ Freezing Point</td>
<td>Unknown</td>
</tr>
<tr>
<td>Initial Boiling Point</td>
<td>Unknown</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Unknown</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Unknown</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Unknown</td>
</tr>
<tr>
<td>Upper/Lower Flammability Limits</td>
<td>Unknown</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Unknown</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Unknown</td>
</tr>
<tr>
<td>Relative Density</td>
<td>Unknown</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Water</td>
</tr>
<tr>
<td>Partition Coefficient: n-octanol/water</td>
<td>Unknown</td>
</tr>
<tr>
<td>Auto-Ignition Temperature</td>
<td>Unknown</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Unknown</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Unknown</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not explosive.</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

### Section 10. Stability and Reactivity

| 10.1 Reactivity                   | No relevant data available. |
| 10.2 Chemical Stability          | Stable under normal temperatures and pressures. |
| 10.3 Possibility of Hazardous Reactions | No hazardous reactions known. |
| 10.4 Conditions to Avoid         | Strong oxidizing agents, strong acids, strong bases. |
| 10.5 Incompatible Materials      | Reactive with strong oxidizing agents, reducing agents, metals, acids, and alkalis. |
| 10.6 Hazardous Decomposition Materials | None known. |

### Section 11. Toxicological Information

| 11.1 Information on Toxicological Effects. | Acute Toxicity. No relevant data available. |
|                                           | Skin Corrosion/Irritation. Irritating to skin and mucous membranes. |
|                                           | Serious Eye Damage/Irritation. Severely irritating to eyes. |
|                                           | Respiratory or skin sensitization. No relevant data available. |
|                                           | Germ Cell Mutagenicity. No relevant data available. |
Section 12. Ecological Information

12.1 Toxicity
Fish: No relevant studies identified.
Crustacea: No relevant studies identified.
Algae/Aquatic Plants: No relevant studies identified.
Other Organisms: No relevant studies identified.

12.2 Persistence and Degradability.
No relevant studies identified.

12.3 Bioaccumulative Potential.
No relevant studies identified.

12.4 Mobility in Soil.
Miscible in water. May spread in water systems. This component is non-volatile.

Additional Remarks
None.

12.5 Results of PBT and vPvB Assessment.
PBT: This mixture does not contain any substances that are assessed to be a PBT.
vPvB: This mixture does not contain any substances that are assessed to be a vPvB.

Section 13. Disposal Considerations

Sewage disposal is discouraged. Waste should not be disposed of by release to sewers. Dispose waste in accordance with federal, state and local environmental control regulations.

Product/Packaging Disposal.
Final decisions on the appropriate waste management method must be in line with local, regional and national regulations.

Other Disposal Recommendations.
No relevant data available.

Section 14. Transport Information

14.1 UN Number
DOT, IATA, IMDG, ADR
DOT: Not dangerous goods.
ADR/RID: Not dangerous goods.
IMDG: Not dangerous goods.
IATA: Not dangerous goods.

14.2 UN Proper Shipping Name
DOT, IATA, IMDG, ADR
ADR/RID: Not dangerous goods.
IMDG: Not dangerous goods.
IATA: Not dangerous goods.
DOT: Not dangerous goods.

14.3 Transport Hazard Class(es)
DOT: Not dangerous goods.
IATA: Not dangerous goods.
IMDG: Not dangerous goods.

14.4 Packing Group
DOT, IATA, IMDG, ADR
ADR/RID: Not dangerous goods.
IMDG: Not dangerous goods.
IATA: Not dangerous goods.
DOT: Not dangerous goods.

14.5 Environmental Hazards
Marine Pollutant: No

14.6 Special Precautions for User
Not applicable.
## Section 15. Regulatory Information

### 15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture.

<table>
<thead>
<tr>
<th>Extremely Hazardous Substances; Section 355</th>
<th>None of the components in this mixture are listed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxic Substances Control Act; TSCA</td>
<td>All of the components in this mixture are listed.</td>
</tr>
<tr>
<td>California Proposition 65</td>
<td>None of the components in this mixture are listed.</td>
</tr>
<tr>
<td>Massachusetts: Acetic Acid CAS # 64-19-7</td>
<td></td>
</tr>
<tr>
<td>Pennsylvania: Acetic Acid CAS # 64-19-7</td>
<td></td>
</tr>
<tr>
<td>New Jersey: Acetic Acid CAS # 64-19-7</td>
<td></td>
</tr>
</tbody>
</table>

### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by StatLab Medical Products.

### S phrases

<table>
<thead>
<tr>
<th>S26</th>
<th>In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EN: Keep locked up and out of the reach of children.</td>
</tr>
<tr>
<td></td>
<td>DA: Opbevares under lås og utilgængeligt for børn.</td>
</tr>
<tr>
<td></td>
<td>DE: Unter Verschluss und für Kinder unzugänglich aufbewahren.</td>
</tr>
<tr>
<td></td>
<td>EL: Φυλάξτε το κλειδωµένο και µακριά από παιδιά.</td>
</tr>
<tr>
<td></td>
<td>ES: Consérvese bajo llave y manténgase fuera del alcance de los niños.</td>
</tr>
<tr>
<td></td>
<td>FR: Conserver sous clef et hors de portée des enfannts.</td>
</tr>
<tr>
<td></td>
<td>IT: Conservare sotto chiave e fuori della portata dei bambini.</td>
</tr>
<tr>
<td></td>
<td>NL: Achter slot en buiten bereik van kinderen bewaren.</td>
</tr>
<tr>
<td></td>
<td>PT: Guardar fechado à chave e fora do alcance das crianças.</td>
</tr>
<tr>
<td></td>
<td>SV: Förvaras i låst utrymme och oåtkomligt för barn.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S45</th>
<th>In case of accidental or if you feel unwell, seek medical advice immediately (show the label where possible).</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EN: Keep locked up and out of the reach of children.</td>
</tr>
<tr>
<td></td>
<td>DA: Opbevares under lås og utilgængeligt for børn.</td>
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</tr>
</tbody>
</table>
### Section 16. Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. StatLab Medical Products shall not be held liable for any damage resulting from handling or from contact with the above product.