Safety Data Sheet

according to 29 CFR 1910.1200(g)

SPRAY 2000 Plus

Product code: 1295-4

Print date: 12.04.2018

1. Identification

Product identifier
SPRAY 2000 Plus

Use of the substance/mixture
Cleaner

Details of the supplier of the safety data sheet
Company name: Air Techniques, Inc.
Street: 1295 Walt Whitman Road,
Place: USA Melville, NY 11747
Telephone: 516-433-7676

Responsible Department: for US and Canada: 1-800 424-9300 (CHEMTREC)

2. Hazard(s) identification

Classification of the chemical
Hazard categories:
- Serious eye damage/eye irritation: Eye Irrit. 2
- Respiratory/skin sensitization: Skin Sens. 1

Hazard Statements:
Causes serious eye damage

Label elements
Signal word: Danger
Pictograms: corrosion

Hazard statements
Causes serious eye damage

Precautionary statements
Wash hands thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Hazards not otherwise classified
No data available.

3. Composition/information on ingredients

Mixtures

Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Components</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-02-8</td>
<td>Tetrasodium ethylene diamine tetraacetate</td>
<td>5 %</td>
</tr>
<tr>
<td>27323-41-7</td>
<td>Dodecylbenzolsulfonsäure / Nitrilotriethanol (1:1)</td>
<td>5 %</td>
</tr>
<tr>
<td>1310-73-2</td>
<td>Caustic soda, Sodium hydroxide</td>
<td>1 %</td>
</tr>
</tbody>
</table>
4. First-aid measures

**Description of first aid measures**

**General information**
- Remove contaminated soaked clothing immediately.
- If threatening unconsciousness, position and transport in recovery position.
- In case of breathing difficulties give oxygen.

**After inhalation**
- Ensure of fresh air.
- Seek medical treatment immediately.

**After contact with skin**
- In case of contact with skin wash off with soap and water.

**After contact with eyes**
- In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

**After ingestion**
- Do not induce vomiting.
- Summon a doctor immediately.

**Most important symptoms and effects, both acute and delayed**
- DANGER!
- May cause irreversible eye damage.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

**Indication of any immediate medical attention and special treatment needed**
- Treat symptoms.

5. Fire-fighting measures

**Extinguishing media**
- **Suitable extinguishing media**
  - Foam, Dry powder, Carbon dioxide, Sand
- **Unsuitable extinguishing media**
  - Full water jet.

**Specific hazards arising from the chemical**
- Combustion gases of organic material are usually classified as respiratory toxins.

**Special protective equipment and precautions for fire-fighters**
- Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases can only be done with breathing apparatus.

**Additional information**
- Cool containers at risk with water spray jet.

6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
- Keep away from heat and sources of ignition.
- Attention. Hazard of skidding.

**Environmental precautions**
- Do not discharge into the drains or bodies of water.
- Prevent spread over a wide area (e.g. by containment or oil barriers).
- Do not discharge into the subsoil/soil.
Safety Data Sheet

according to 29 CFR 1910.1200(g)

Methods and material for containment and cleaning up

Take up with absorbent material.
Send in suitable containers for recovery or disposal.
After taking up the material dispose according to regulation.

Reference to other sections

Information for disposal look up chapter 13.

7. Handling and storage

Precautions for safe handling

Advice on safe handling
Avoid contact with the skin and the eyes.
Do not breathe vapours or spray mist.
When using do not eat, drink or smoke.

Advice on protection against fire and explosion
No special protective measures against fire required.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Protect from heat and direct solar radiation.

Advice on storage compatibility
Keep containers tightly closed in a dry, well-ventilated place.

8. Exposure controls/personal protection

Control parameters

Exposure limits

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>t/cc</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>1310-73-2</td>
<td>Sodium hydroxide</td>
<td>-</td>
<td>2</td>
<td>-</td>
<td>TWA (8 h)</td>
<td>PEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
<td>-</td>
<td>2</td>
<td>TWA (8 h)</td>
<td>TLV</td>
</tr>
</tbody>
</table>

Exposure controls

Protective and hygiene measures
Avoid contact with the skin.
Cloths contaminated with product should not be kept in trouser pockets.
At work do not eat, drink, smoke or take drugs.
Before work use solvent-resistant skin protection preparation.

Eye/face protection
Safety goggles

Hand protection
Neoprene gloves, Nitrile rubber
Glove material must be impermeable and resistant against product / substance / preparation. Gloves material should comply with breakthrough times, permeation rates, and degradation.
Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection
Light protective clothing

Environmental exposure controls
Handle in accordance with good industrial hygiene and safety practices.
9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: Liquid
Color: Colourless, clear
Odor: Characteristic

Changes in the physical state
Initial boiling point and boiling range: >100 °C
Flash point: Not applicable.
Density (at 20 °C): 0.99 - 1.01 g/cm³
Water solubility: Completely soluble

Other information
No data available.

10. Stability and reactivity

Reactivity
No data available.

Chemical stability
Stability: Stable
Chemically stable.

Possibility of hazardous reactions
Hazardous reactions: Will not occur
No data available.

Conditions to avoid
To avoid thermal decomposition, do not overheat.

Incompatible materials
Not known.

Hazardous decomposition products
Carbon monoxide and carbon dioxide.

11. Toxicological information

Information on toxicological effects

Route(s) of Entry
Skin and eye contact, inhalation and ingestion.

Acute toxicity
Based on available data, the classification criteria are not met.
LD₅₀/oral/rat: > 5 000 mg/kg
LD₅₀/dermal/rabbit: > 5 000 mg/kg
LC₅₀/inhalativ/rat: > 5 mg/l

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Components</th>
<th>Exposure routes</th>
<th>Method</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-02-8</td>
<td>Tetrasodium ethylene diamine tetraacetate</td>
<td>Oral</td>
<td>ATE</td>
<td>500 mg/kg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### 11. Irritation and corrosivity

Causes serious eye damage

### 12. Ecological information

#### Ecotoxicity

No data available.

#### Persistence and degradability

No data available.

#### Bioaccumulative potential

No data available.

#### Mobility in soil

No data available.

#### Other adverse effects

No data available.

### Further information

Do not flush into surface water or sanitary sewer system.

Hazardous water pollutant.

### 13. Disposal considerations

#### Waste treatment methods

**Advice on disposal**

Where possible recycling is preferred to disposal. In accordance with regulations for special waste, must be taken to a special waste disposal. It is not possible to give this product a waste code number according to the European waste catalogue because only the intended use of the user consents the assignment of a specific code number. The waste code number must be agreed with the disposer / manufacturer / competent authority.

**Contaminated packaging**

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

### 14. Transport information

US DOT 49 CFR 172.101
## Proper shipping name:
Not regulated.

### Other applicable information
Non hazardous material as defined by the transport regulations.

## 15. Regulatory information

### U.S. Regulations

#### National Inventory TSCA
All of the components are listed on the TSCA inventory.

#### SARA
To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

## 16. Other information

### Hazardous Materials Information Label (HMIS)

- **Health:** 1
- **Flammability:** 0
- **Physical Hazard:** 0

### NFPA Hazard Ratings

- **Health:** 1
- **Flammability:** 0
- **Reactivity:** 0
- **Unique Hazard:**

### Changes

- **Revision date:** 09.12.2014
- **Revision No:** 1,0
- **Changes in chapter:** -

### Other data

The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions.

(n.a. = not applicable; n.d. = not determined)

(\textit{The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.})