SAFETY DATA SHEET
SODIUM PHENOXY ACETATE

Revision Date: May 2014  Previous date: January 2010  Print Date: May 2014

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product information

Commercial Product Name
NIACET Sodium Phenoxy Acetate

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture
Pharmaceutical Industry
Recommended restrictions on use
Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Niacet Corporation
400 47th Street
Niagara Falls, NY
14304 U.S.A.
Telephone +1 716-285-1474 Telefax +1 716-285-1497
niacetcsr@niacet.com

1.4 Emergency telephone number

For Niacet Corporation, Niagara Falls, U.S.A. products: +1 (800) 424 9300, +1 (202) 483-7616

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Not a hazardous substance or mixture according to OSHA / EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

2.3 Other hazards
Not a hazardous substance or mixture according to OSHA / EC-directives 67/548/EEC or 1999/45/EC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
Chemical nature : Sodium Phenoxyacetate (dry basis) CAS-No. 3598-16-1
Water CAS-No. 7732-18-5
Sodium Chloride CAS-No. 7647-14-5
4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation
If irritation develops, remove to fresh air.

Skin contact
May cause irritation of the skin. Wash area with soap and water. Obtain medical attention if irritation persists

Eye contact
Can cause irritation. Flush with water for at least 15 minutes, hold eyelids open. Obtain medical attention if irritation persists

Ingestion
If swallowed, rinse mouth with water. Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No information available.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treatment : No information available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Extinguishing media: Appropriate media for surrounding fire. Carbon dioxide, dry chemical powder, alcohol foam

5.2 Special hazards arising from the substance or mixture

Avoid dispersion of dust

5.3 Special protective actions for fire-fighters

In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. For personal protection see section 8.

6.2 Environmental precautions

Material is biodegradable

6.3 Methods and materials for containment and cleaning up

Wear suitable protective clothing including respirator or dust mask. Sweep up spillage and collect for disposal. Wash down area with large quantities of water.
7. HANDLING AND STORAGE

7.1 Precautions for safe handling
   Keep container tightly closed. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities
   Keep tightly closed in a dry, cool and well-ventilated place.
   Materials for packaging
   Suitable material: original container

   Materials to avoid:
   Strong oxidizing agents

7.3 Specific end uses
   Pharmaceutical Industry

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Limit Values
   Contains no substances with occupational exposure limit values.

8.2 Exposure controls

8.2.1 Appropriate engineering controls
   Handle in accordance with good industrial hygiene and safety practice. In case of insufficient ventilation, wear suitable respiratory equipment. Ensure that eyewash stations and safety showers are close to the workstation location.

8.2.2 Individual protection measures, such as personal protective equipment
   - Protective Clothing: Appropriate work clothing. Plastic or rubber gloves optional
   - Eye Protection: Safety glasses should always be worn when working with chemicals
   - Respiratory Protection: Material should be handles in a manner that does not produce airborne particles. If dust is a problem, a dust mask or respirator is recommended.
9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information (appearance, odor)

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Off White</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless / Mild</td>
</tr>
</tbody>
</table>

Important health safety and environmental information

<table>
<thead>
<tr>
<th>Flash point</th>
<th>None by Tag Closed Cup</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point / freezing point</td>
<td>270ºC</td>
</tr>
<tr>
<td>pH</td>
<td>7-10</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>No data available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>21% at 20ºC</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative Vapor Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2 Other data

| Surface tension | No data available |
10. STABILITY AND REACTIVITY

10.1 Reactivity
No dangerous reaction known under conditions of normal use.

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
Hazardous Decomposition Product: Carbon Monoxide

10.4 Conditions to avoid
Conditions to avoid: Stable under normal conditions.

10.5 Incompatible materials
Materials to avoid: Strong oxidizing agents

10.6 Hazardous decomposition products
Carbon Monoxide

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
No exposure limits have been set by OSHA, NIOSH, or ACGIH

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity effects
No Data Available

12.2 Persistence and degradability
Biological degradability:
Readily biodegradable

12.3 Bioaccumulative potential
Bioaccumulation is unlikely.
12.4. Mobility in soil
No Data Available

12.5. Results of PBT and vPvB assessment
This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

12.6 Other adverse effects
None known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Product Dispose of in compliance with federal, state and local regulations

14. TRANSPORT INFORMATION

14.1 UN number
Land transport Not classified as dangerous in the meaning of transport regulations.

Sea transport Not classified as dangerous in the meaning of transport regulations.

Air transport Not classified as dangerous in the meaning of transport regulations.

14.6 Special precautions for user
Not classified as dangerous in the meaning of transport regulations.
15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Other regulations : No exposure limits have been set by OSHA, NIOSH, or ACGIH

15.2 Chemical Safety Assessment

Carcinogen : IARC: No NTP: No OSHA: No

16. OTHER INFORMATION

Training advice

Read the safety data sheet before using the product.

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Sources of key data used to compile the Safety Data Sheet

Regulations, databases, literature, own tests.

Additions, Deletions, Revisions