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

1.1 Product information

**Commercial Product Name**
NIAPROOF Anionic Surfactant 08
Chemical C₈H₁₇SO₄Na
CAS No. 126-92-1
EC No. 204-812-8

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

**Use of the Substance/Mixture**
Surfactant in variety of industrial applications

**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 +001 716-285-1474 Telefax +001 716-285-1497
niacetcsr@niacet.com

1.4 Emergency telephone number

For Niacet Corporation, Niagara Falls, U.S.A. products:
Chemtrec: +1 (800) 424 9300, +1 (703) 527-3887

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)/OSHA
Physical and Chemical Hazards
Human health
Environment
Not classified.
Skin Irrit. 2 - H315; Eye Irrit. 2 - H319
Not classified

Classification (1999/45/EEC)
Xi;R36/38.

Human Health

Causes skin irritation. Causes serious eye irritation.
2.2 Label elements

EC No. 204-812-8 CAS No 126-92-1
Contains SODIUM 2-ETHYLHEXYL SULFATE AQ
SODIUM CHLORIDE

Label In Accordance With (EC) No. 1272/2008/OSHA

Signal Word Warning

Hazard Statements
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary Statements
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove
Contact lenses, if present and easy to do. Continue rinsing.
P332+313 If skin irritation occurs: Get medical advice/attention.

Supplementary Precautionary Statements
P264a Wash skin thoroughly after handling.
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P337+313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

2.3 Other hazards

Not Classified as PBT/vPvB by current EU criteria.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical nature: Anionic Surfactant 08
Sodium 2-ethylhexyl sulfate CAS-No. 126-92-1; EC No. 204-812-8
Classification (EC 1272/2008) Skin Irrit. 2 - H315; Eye Irrit. 2 - H319
Classification (67/548/EEC) Xi; R36/38
4. FIRST AID MEASURES

4.1 Description of first aid measures

**General**
Consult a physician. Show this safety data sheet to the doctor in attendance.

**Inhalation**
Move the exposed person to fresh air at once. If irritation persists, consult a physician.

**Skin Contact**
Wash area thoroughly with soap and water. If irritation and drying of skin persists, consult a physician.

**Eye Contact**
Important! Flush with water for at least 15 minutes, holding eyelids open. Seek medical attention

**Ingestion**
Rinse mouth thoroughly. Never give liquid to an unconscious person. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

**General information**
The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

**Skin contact**
Prolonged skin contact may cause redness and irritation.

**Eye contact**
Irritating and may cause redness and pain.

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

5. FIREFIGHTING MEASURES – NOT FLAMMABLE OR COMBUSTABLE

5.1 Extinguishing media
Extinguishing media: Water Fog, alcohol foam, carbon dioxide, dry chemical powder

5.2 Special hazards arising from the substance or mixture
Hazardous combustion products
Fire or high temperatures create toxic gases/vapors/fumes of: Oxides of: Carbon. Sulphur.
5.3 Special protective equipment and precautions for fire fighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

5.4 Further Information
Not Flammable or Combustible

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Self-contained breathing apparatus. Wear rubber footwear and rubber gloves. Avoid contact with skin and eyes.

6.2 Environmental precautions
Do not discharge into drains, waterways or onto the ground.

6.3 Methods and materials for containment and cleaning up
Contain spill with earthen dyke. Pump solution into a suitable container. Take up remainder with absorbent material for later disposal. After clean up, wash down area with large quantities of water. Material is more than 80% biodegradable. Dispose of in accordance with applicable Federal, state and local regulations.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Provide good ventilation. Do not breathe vapors/spray. Avoid contact with skin and eyes. For personal protection, see section 8. Wash skin thoroughly after handling. Observe good chemical hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities
Store in closed original container at temperatures between 15°C and 40°C. Avoid contact with oxidizing agents.

7.3 Specific end uses
The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Limit Values

8.2 Exposure Controls
Protective equipment

Process conditions
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

Hand protection
Wear protective gloves.

Eye protection
Wear approved safety glasses

Skin and body protection
Clothing suitable to prevent skin contact

Respiratory protection
Ventilate well and avoid breathing vapors. If airborne concentrations become irritating use a NIOSH approved respirator

Hygiene Measures
Wash hands after handling. When using, do not eat, drink or smoke.

Environmental Exposure Controls
Do not discharge into drains, watercourses or onto the ground.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information (appearance, odor)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic. Mild.</td>
</tr>
<tr>
<td>Solubility</td>
<td>Miscible with water</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>100°C</td>
</tr>
<tr>
<td>pH-Value, Conc. Solution</td>
<td>8-10</td>
</tr>
</tbody>
</table>

9.2 Other data

10. STABILITY AND REACTIVITY

10.1 Reactivity
No known reactivity hazards associated with this product

10.2 Chemical stability
Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions
Hazardous Polymerization: will not polymerize

10.4 Conditions to avoid
Conditions to avoid: no data available.

10.5 Incompatible materials
Materials to avoid: Strong oxidizing substances

10.6 Hazardous decomposition products
Fire or high temperatures create toxic gases/vapors/fumes of: Oxides of: Carbon. Sulphur

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Toxic Dose 1 - LD 50: 320 mg/kg (ip-rat)
Toxic Dose 2 - LD 50: 3580 mg/kg (oral-rbt)

Information on the likely routes of exposure
- Inhalation: Harmful by inhalation.
- Ingestion: Harmful if swallowed.
- Skin contact: Liquid may irritate the skin.
- Eye contact: Irritating to eyes.

Medical Symptoms of Exposure
- High concentrations of vapors may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Coughing. Difficulty in breathing.

Additional Information

12. ECOLOGICAL INFORMATION

2.1 Eco toxicity effects

12.2 Persistence and degradability
Biological degradability: Result: >80 % - Biodegradable
Readily biodegradable: No Data Available

12.3 Bio accumulative potential
Not considered as bio accumulative

12.4. Mobility in soil
No Data Available
12.5. Results of PBT and vPvB assessment

Not considered as vPvB

12.6 Other adverse effects

### 13. DISPOSAL CONSIDERATIONS

#### General Information
Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

#### 13.1 Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

### 14. TRANSPORT INFORMATION

#### General
The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1 UN number
Not classified as dangerous goods

#### 14.2. UN proper shipping name

#### 14.3. Transport hazard class(es)

#### 14.4. Packing group

#### 14.5. Environmental hazards

#### 14.6. Special precautions for user

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

### 15. REGULATORY INFORMATION

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

TSCA Listed : Yes
SARA 302, 311/312, 313 Listed : No
Canada DSL Listed: Yes
EU Legislation

15.2 Chemical Safety Assessment
No chemical safety assessment has been carried out.

16. OTHER INFORMATION

Risk Phrases In Full
R36/38 Irritating to eyes and skin.
NC Not classified.

Hazard Statements In Full
H315 Causes skin irritation.
H319 Causes serious eye irritation.

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 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
Version 2.1

CLEANGREDIENTS
NAS 08 is registered by NSF with USEPA approval for CleanGredients listing

CLEANGREDIENTS
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