



# SAFETY DATA SHEET

## NIAPROOF ANIONIC SURFACTANT 08

Revision Date: June 2017

Previous date: June 2014

Print Date: June 2017

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

#### 1.1 Product information

**Commercial Product Name**

NIAPROOF Anionic Surfactant 08

Chemical  $C_8H_{17}SO_4Na$

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 47<sup>th</sup> 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.



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### 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



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Sodium Chloride  
Classification (EC 1272/2008)  
Classification (67/548/EEC)

CAS-No. 7647-14-5; EC No. 231-598-3  
Eye Irrit. 2 - H319  
Not classified.

Water  
Classification (EC 1272/2008)  
Classification (67/548/EEC)

CAS-No. 7732-18-5  
Not Classified  
Not Classified

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### 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.



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#### 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



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### 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)

|   |                       |
|---|-----------------------|
| Appearance                              | Liquid                |
| Odor                                    | Characteristic. Mild. |
| Solubility                              | Miscible with water   |
| Initial boiling point and boiling range | 100°C                 |
| pH-Value, Conc. Solution                | 8-10                  |

### 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.



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#### 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

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxic Dose 1 - LD 50 320 mg/kg (ipr-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

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## 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



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#### 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



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### EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 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**

