

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/04/2015

Reviewed on 06/04/2015

1 Identification

- **Product identifier**
- **Trade name:** 901 Power Foam
- **Article number:** 901 PF
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Superior Solutions
3991 Hwy 171
DeRidder, LA 70634
- **Information department:** (337) 794-1829
- **Emergency telephone number:**
Chemtrec 1-800-424-9300, CCN 726066 or 1-703-527-3887 (collect calls accepted)

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.



GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Label elements**

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS05



GHS08

- **Signal word** *Danger*

- **Hazard-determining components of labeling:**

Sodium Dodecyl Benzene Sulfonate

glutaral

NP-9 (4-nonyl phenol 9 mole E.O.)

Fragrance (Generic)

- **Hazard statements**

Causes skin irritation.

Causes serious eye damage.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

(Contd. on page 2)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/04/2015

Reviewed on 06/04/2015

Trade name: 901 Power Foam

(Contd. of page 1)

- **Precautionary statements**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Wear respiratory protection.

Avoid breathing dust/fume/gas/mist/vapors/spray

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a poison center/doctor.

Specific treatment (see on this label).

Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



Health = 2

Fire = 0

Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = *2

Fire = 0

Reactivity = 0

- **Other hazards**

- **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Substances**

- **CAS No. Description**

Non-Hazardous ingredient

- **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

| | | |
|------------|---|---------|
| 68081-81-2 | Sodium Dodecyl Benzene Sulfonate | 2.5-10% |
| 111-30-8 | glutaral | 2.5-10% |
| 111-76-2 | 2-butoxyethanol | 2.5-10% |
| | Fragrance (Generic) | ≤ 2.5% |
| 9016-45-9 | NP-9 (4-nonyl phenol 9 mole E.O.) | ≤ 2.5% |
| 51981-21-6 | L-Glutamic Acid, N,N-diacetic acid tetrasodium salt, (GLDA-Na4) | ≤ 2.5% |

4 First-aid measures

- **Description of first aid measures**

- **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

(Contd. on page 3)

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/04/2015

Reviewed on 06/04/2015

Trade name: 901 Power Foam

(Contd. of page 2)

- **After eye contact:**
Remove contact lenses if able to do so.
Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**
Do not induce vomiting; immediately call for medical help.
Rinse out mouth and then drink plenty of water.
A person vomiting while lying on their back should be turned onto their side.
- **Most important symptoms and effects, both acute and delayed**
Asthma attacks
Allergic reactions
Nausea
Gastric or intestinal disorders
Cramp
- **Indication of any immediate medical attention and special treatment needed**
Severe allergic skin reaction, bronchial spasms and anaphylactic shock are possible.
Medical supervision for at least 48 hours.
Treat skin and mucous membrane with antihistamine and corticoid preparations.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.

(Contd. on page 4)

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/04/2015

Reviewed on 06/04/2015

Trade name: 901 Power Foam

(Contd. of page 3)

- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:**
Do not store together with oxidizing and acidic materials.
Store away from foodstuffs.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

· Components with limit values that require monitoring at the workplace:

111-30-8 glutaral

| | |
|-----|--|
| REL | Ceiling limit value: 0.8 mg/m ³ , 0.2 ppm See Pocket Guide App. C |
| TLV | Ceiling limit value: 0.2 mg/m ³ , 0.05 ppm (SEN) NIC-DSEN;RSEN ;activated or inactivated |

111-76-2 2-butoxyethanol

| | |
|-----|---|
| PEL | Long-term value: 240 mg/m ³ , 50 ppm Skin |
| REL | Long-term value: 24 mg/m ³ , 5 ppm Skin |
| TLV | Long-term value: 97 mg/m ³ , 20 ppm BEI |

· Ingredients with biological limit values:

111-76-2 2-butoxyethanol

| | |
|-----|--|
| BEI | 200 mg/g creatinine Medium: urine Time: end of shift Parameter: Butoxyacetic acid with hydrolysis |
|-----|--|

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the skin.
Avoid contact with the eyes and skin.
- **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

(Contd. on page 5)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/04/2015

Reviewed on 06/04/2015

Trade name: 901 Power Foam

(Contd. of page 4)

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Neoprene gloves
Nitrile rubber, NBR
Butyl rubber, BR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Not suitable are gloves made of the following materials:** Leather gloves

· **Eye protection:**

Goggles recommended during refilling.
Safety glasses

· **Body protection:** Protective work clothing

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

| | |
|-------------------------|-----------------|
| Form: | Liquid |
| Color: | Clear |
| Odor: | Fresh |
| Odour threshold: | Not determined. |

· **pH-value at 20 °C (68 °F):** 8

· **Change in condition**

| | |
|-------------------------------------|-----------------|
| Melting point/Melting range: | Undetermined. |
| Boiling point/Boiling range: | 100 °C (212 °F) |

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 240 °C (464 °F)

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

| | |
|---------------|-----------------|
| Lower: | Not determined. |
| Upper: | Not determined. |

· **Vapor pressure at 20 °C (68 °F):** 23 hPa (17 mm Hg)

(Contd. on page 6)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/04/2015

Reviewed on 06/04/2015

Trade name: 901 Power Foam

(Contd. of page 5)

| | |
|---|--|
| · Density at 20 °C (68 °F): | 1 g/cm ³ (8.345 lbs/gal) |
| · Relative density | Not determined. |
| · Vapour density | Not determined. |
| · Evaporation rate | Not determined. |
| · Solubility in / Miscibility with Water: | Fully miscible. |
| · Partition coefficient (n-octanol/water): | Not determined. |
| · Viscosity: | |
| Dynamic: | Not determined. |
| Kinematic: | Not determined. |
| · Solvent content: | |
| Organic solvents: | 4.1 % |
| Water: | 74.2 % |
| VOC content: | 4.1 % |
| | 40.8 g/l / 0.34 lb/gl |
| Solids content: | 24.0 % |
| · Other information | No further relevant information available. |

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** Reacts with strong acids and oxidizing agents.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**
Sulfur oxides (SO_x)
Carbon monoxide and carbon dioxide

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

111-30-8 glutaral

| | | |
|--------|------|---------------------|
| Oral | LD50 | 134 mg/kg (rat) |
| Dermal | LD50 | 2560 mg/kg (rabbit) |

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:**
Sensitizing effect through inhalation is possible with prolonged exposure.
Sensitization possible through inhalation.
Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:

(Contd. on page 7)

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/04/2015

Reviewed on 06/04/2015

Trade name: 901 Power Foam

(Contd. of page 6)

Harmful
Irritant

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

| | | |
|----------|-----------------|---|
| 111-76-2 | 2-butoxyethanol | 3 |
| 64-17-5 | ethanol | 1 |

· **NTP (National Toxicology Program)**

no ingredient above de minimis level is listed

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**
 Water hazard class 1 (Self-assessment): slightly hazardous for water
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
 Harmful to aquatic organisms
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
 Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

| | |
|----------------------------------|---------------|
| · UN-Number | |
| · DOT | Not regulated |
| · UN proper shipping name | |
| · DOT | Not regulated |

(Contd. on page 8)

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/04/2015

Reviewed on 06/04/2015

Trade name: 901 Power Foam

(Contd. of page 7)

- | | |
|--|-----------------|
| · Transport hazard class(es) | |
| · DOT | Not applicable |
| · Packing group | |
| · DOT | Not applicable |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Not regulated |

15 Regulatory information

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

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|--|
| · Section 355 (extremely hazardous substances): |
|--|

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|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

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|--|
| · Section 313 (Specific toxic chemical listings): |
|--|

| | |
|----------|-----------------|
| 111-76-2 | 2-butoxyethanol |
|----------|-----------------|

| |
|---|
| · TSCA (Toxic Substances Control Act): |
|---|

| | |
|------------|----------------------------------|
| 68081-81-2 | Sodium Dodecyl Benzene Sulfonate |
|------------|----------------------------------|

| | |
|----------|----------|
| 111-30-8 | glutaral |
|----------|----------|

| | |
|----------|-----------------|
| 111-76-2 | 2-butoxyethanol |
|----------|-----------------|

| | |
|-----------|-----------------------------------|
| 9016-45-9 | NP-9 (4-nonyl phenol 9 mole E.O.) |
|-----------|-----------------------------------|

| | |
|------------|---|
| 51981-21-6 | L-Glutamic Acid, N,N-diacetic acid tetrasodium salt, (GLDA-Na4) |
|------------|---|

| | |
|-----------|-------------------------|
| 1300-72-7 | sodium xylenesulphonate |
|-----------|-------------------------|

| | |
|------------|--|
| 68585-34-2 | Sodium Laureth Sulfate (sodium 2-(2-Dodecyloxyethoxy) ethyl sulfate) |
|------------|--|

| | |
|---------|---|
| 64-02-8 | tetrasodium ethylenediaminetetraacetate |
|---------|---|

| | |
|------------|---|
| 68439-57-6 | Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts |
|------------|---|

| | |
|---------|---------|
| 64-17-5 | ethanol |
|---------|---------|

| | |
|-----------|---|
| 7732-18-5 | water, distilled, conductivity or of similar purity |
|-----------|---|

| |
|-------------------------|
| · Proposition 65 |
|-------------------------|

| |
|---|
| · Chemicals known to cause cancer: |
|---|

| |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

| |
|--|
| · Chemicals known to cause reproductive toxicity for females: |
|--|

| |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

| |
|--|
| · Chemicals known to cause reproductive toxicity for males: |
|--|

| |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

| |
|---|
| · Chemicals known to cause developmental toxicity: |
|---|

| | |
|---------|---------|
| 64-17-5 | ethanol |
|---------|---------|

(Contd. on page 9)

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/04/2015

Reviewed on 06/04/2015

Trade name: 901 Power Foam

(Contd. of page 8)

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

| | | |
|----------|-----------------|----|
| 111-76-2 | 2-butoxyethanol | NL |
|----------|-----------------|----|

- **TLV (Threshold Limit Value established by ACGIH)**

| | | |
|----------|----------|----|
| 111-30-8 | glutaral | A4 |
|----------|----------|----|

| | | |
|----------|-----------------|----|
| 111-76-2 | 2-butoxyethanol | A3 |
|----------|-----------------|----|

| | | |
|---------|---------|----|
| 64-17-5 | ethanol | A3 |
|---------|---------|----|

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS05 GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

Sodium Dodecyl Benzene Sulfonate

glutaral

NP-9 (4-nonyl phenol 9 mole E.O.)

Fragrance (Generic)

- **Hazard statements**

Causes skin irritation.

Causes serious eye damage.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

- **Precautionary statements**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Wear respiratory protection.

Avoid breathing dust/fume/gas/mist/vapors/spray

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a poison center/doctor.

Specific treatment (see on this label).

Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Date of preparation / last revision** 06/04/2015 / -

- **Abbreviations and acronyms:**

DOT: US Department of Transportation

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

(Contd. on page 10)

USA

Safety Data Sheet
acc. to OSHA HCS

Printing date 06/04/2015

Reviewed on 06/04/2015

Trade name: 901 Power Foam

(Contd. of page 9)

*CAS: Chemical Abstracts Service (division of the American Chemical Society)**NFPA: National Fire Protection Association (USA)**HMIS: Hazardous Materials Identification System (USA)**VOC: Volatile Organic Compounds (USA, EU)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2**Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1**Resp. Sens. 1: Sensitisation - Respirat., Hazard Category 1**Skin Sens. 1: Sensitisation - Skin, Hazard Category 1*

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