

NIACET CORPORATION
400 47th St
Niagara Falls, NY 14304
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MSDS
NIAPROOF ANIONIC
SURFACTANT 4

Issued: January 2007

EMERGENCY PHONE NUMBER: (800) 424 9300, (202) 483-7616

MATERIAL SAFETY DATA SHEET NIAPROOF ANIONIC SURFACTANT 4

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SECTION I - PRODUCT IDENTIFICATION

Product Name: NIAPROOF Anionic Surfactant 4
Chemical Synonyms: NAS 4, NIAPROOF 4, sodium tetradecyl sulfate
Chemical Family: alcohol sulfate, sodium salt
Chemical Formula: $C_{14}H_{29}SO_4Na$

SECTION II - INGREDIENTS

| | <u>% by wt.</u> | <u>CAS #</u> |
|--|-----------------|--------------|
| Sodium Tetradecyl Sulfate (4-undeconal,7-ethyl-2-methyl-, sulfate, sodium salt) | 26-28 | 139-88-8 |
| Diethylene Glycol Ethyl Ether (ethanol, 2-(2-ethoxyethoxy)-) | 20 max | 111-90-0 |
| Sodium Chloride | 1-2 | 7647-14-5 |
| Water | balance | 732-18-5 |

SECTION III - PHYSICAL DATA

| | | | |
|----------------------|----------------------------------|----------------------|----------------------|
| Appearance: | liquid, colorless to light amber | Odor: | characteristic, mild |
| Freezing Point: | < 10°C | Boiling Point: | 100°C |
| Vapor Pressure: | 17.5 mm Hg at 25°C | Specific Gravity: | 1.05 - 1.06 at 25°C |
| Solubility in Water: | miscible | Reactivity in Water: | does not react |

SECTION IV - FIRE & EXPLOSION HAZARD

Flash Point: None by Tag Closed Cup
Flammable Limits: LFL -Not Determined UFL -Not Determined
Auto-Ignition Temperature: Not Applicable
Extinguishing Media: Water fog, alcohol foam, carbon dioxide, dry chemical

SECTION V - REACTIVITY DATA

Hazardous Decomposition Products: Sulfur oxides, carbon monoxide
Hazardous Polymerization: Will not occur.
Incompatibility: Strong oxidizing agents.

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SECTION VI - TOXICITY DATA

| <u>Route</u> | <u>Test</u> | <u>Dose</u> | <u>Units</u> | |
|--------------|-------------|-------------|--------------|----------------|
| oral-rat | LD50 | 5gms | kg | slightly toxic |

Occupational Exposure: No exposure limits have been set by OSHA, NIOSH or ACGIH.
Carcinogen: IARC: NO, NTP: NO, OSHA: NO

SECTION VII - HEALTH HAZARD INFORMATION

Primary Routes of Exposure:

Ingestion: If swallowed, give victim milk or water to dilute stomach contents.
Get medical attention.

Eye Contact: Causes irritation and burns. Flush with water for at least 15 minutes,
hold eyelids open. Get medical attention.

Skin Contact: Contact may cause irritation and drying of the skin. Wash area with soap and water.
Get medical attention if irritation persists.

Inhalation: If irritation develops, remove to fresh air.

Effects of Overexposure: Eyes may redden and burn. Skin may be stripped of natural oils and redden.
Medical Conditions Aggravated by Exposure: None identified. Handle with reasonable care.

SECTION VIII - EMPLOYEE PROTECTION

Protective Clothing: Clothing suitable to prevent skin contact. Plastic or rubber gloves r recommended.

Eye Protection: Safety glasses or chemical splash goggles.

Respiratory Protection: Recommend control of vapors with local ventilation. If airborne
concentrations become irritating use a NIOSH approved respirator.

SECTION IX - SPILL AND DISPOSAL PROCEDURES

Action to be Taken for Spills:

Keep unnecessary people away. Isolate hazard area, enter with appropriate safety equipment. Contain spill
with earthen dike. Pump solution to a suitable container. Take up remainder with absorbent material for later
disposal. Wash down area with large quantities of water.

Disposal Methods: Material is not readily biodegradable. Dispose of in accordance with applicable Federal,
state and local regulations.

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SECTION X - TRANSPORTATION REGULATORY REQUIREMENTS

(NOT DOT CORROSIVE / NOT REGULATED) (USA/Europe)

SECTION XI - OTHER REGULATORY CONTROLS

| | |
|---------------------------------|-----------------------|
| ENEICS | YES (all ingredients) |
| TSCA Inventory: | YES (all ingredients) |
| OSHA Hazard: | NO |
| Regulated under RECRA: | NO |
| Regulated under CERCLA: | NO |
| Regulated under SARA Title III: | NO |

Pennsylvania Right-To-Know:

Hazardous Substance List, Hazardous Substances and Special Hazardous Substances on the List must be identified when present in products. Components present in this product at a level which could require reporting under the statute are:

| <u>Chemical</u> | <u>CAS #</u> | <u>Upper Bound Concentration %</u> |
|-----------------|--------------|------------------------------------|
| Glycol Ethers | None | 20 |

The information herein is given in good faith and believed to be accurate and has been compiled from sources believed to be reliable. Buyer assumes all risk of use, storage and handling of this product in compliance with applicable federal, state, and local laws and regulations.