

SAFETY DATA SHEET

FLEET FOAM DETERGENT CONCENTRATE

Section 1: Product and Company Identification

| | |
|-------------------------|---|
| Product Name | Fleet Foam Detergent Concentrate <u>or</u> Fleet Foam Detergent Concentrate (Winter Formula) |
| Product Description/Use | High Foaming Liquid Detergent for car washes |
| Manufacturer/Supplier | National Carwash Solutions 1500 SE 37 th St Grimes, IA 50111 (515) 986-3700 |
| Emergency Contact | Company: (515) 986-3700 CHEMTREC: (800) 424-9300 |

Section 2: Hazards Identification

Hazard Class:

None

Hazard Statement(s):

This mixture does not meet the criteria for classification

Precautionary Statement(s) Prevention:

Observe good industrial hygiene practices

Precautionary Statement(s) Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Precautionary Statement(s) Disposal:

P501- Dispose of container to recycling after rinsing.

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Section 3: Composition/Information on Ingredients

| CAS Number | Material or component | Avg % weight |
|-------------|-----------------------|--------------|
| Proprietary | Surfactant blend* | 7-15% |

*The specific chemical identity and/or percentage of each component is being withheld as a trade secret

Section 4: First Aid Measures

Eyes: Remove contact lenses if present. Rinse with water. Get medical attention if irritation develops or persists

Skin: Rinse off with water.

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

Ingestion: If ingestion of a large amount does occur, seek medical attention. Do NOT induce vomiting

Section 5: Fire Fighting Measures

Extinguishing media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Protective equipment and precautions for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Unusual fire and explosion hazards: None known.

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Section 6: Accidental Release Measures

- Personal Precautions:** For personal protection, see Section 8 of the SDS.
- Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Keep spills away from storm drains, surface water, and soil.
- Clean-up Procedures:** Small spills- rinse to sanitary sewer drain. Large spills- contain for reclamation or disposal.
- Caution:** Spills of this material may cause floor to become slippery.

Section 7: Handling and Storage

- Handling:** Observe good industrial hygiene practices.
- Storage:** Store in closed container when not in use.

Section 8: Exposure Controls/Personal Protection

| <u>Ingredient Exposure Limits</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|-----------------------------------|-----------------|------------------|
| None for ingredients | N/A | N/A |

Personal Protection

- Eyes:** Manufacturing sites: Wear chemical goggles. Face-shield.
Distribution & Workplace settings: No special protective equipment required.
- Skin:** No special protective equipment required.
- Respiratory Protection:** Respiratory equipment not normally needed.

Engineering Controls

- Ventilation:** Use general ventilation.
- Other Measures:** Eye wash station or eye wash bottle recommended.

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Section 9: Physical and Chemical Properties

| | | | |
|---|--|-----------------------------------|-----------------------|
| Form and Appearance: | Clear, colorless to light amber liquid | Odor: | Mild |
| Vapor Pressure: | N/D | Odor Threshold: | N/D |
| Vapor Density (Air=1): | N/A | pH: | 6.6 |
| Specific Gravity: | 1.0 | Melting/Freezing Point: | <32°F/0°C |
| Solubility in Water: | Complete | Initial Boiling Point: | Near Water |
| Flash Point: | N/A | Evaporation Rate: | N/D. Similar to water |
| Flammability: | Will not burn | UEL/LEL: | N/A |
| N-octanol/Water Partition Coefficient: | N/D | Auto Ignition Temperature: | N/A |
| Decomposition Temperature: | N/A | Viscosity: | N/D |
| % Volatile (w/w): | >50%, mostly water | | |

Section 10: Stability and Reactivity

| | |
|--|--|
| Chemical Stability: | This is a stable material |
| Hazardous Decomposition Products: | Upon decomposition, this product may yield sulfur dioxide and oxides of sulfur |
| Conditions to avoid: | None known |
| Materials to avoid: | None known |
| Hazardous Polymerization: | Will not occur |

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Section 11: Toxicological Information

| | |
|--------------------------------|---|
| Acute oral toxicity: | LD50 Rat: 4300-8000 mg/kg |
| Acute dermal toxicity: | No data is available on this mixture. No indication from ingredients. |
| Acute inhalation toxicity: | No data is available on this mixture. No indication from ingredients. |
| Skin corrosion/irritation: | This mixture may cause irritation to the skin |
| Serious eye damage/irritation: | Contact with eyes may cause irritation |
| Skin sensitization: | No data is available on this mixture |
| Respiratory sensitization: | No data is available on this mixture |
| Germ cell mutagenicity: | No data is available on this mixture. No indication from ingredients. |
| Carcinogenicity: | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. |
| STOT- Single exposure: | No data is available on this mixture. No indication from ingredients. |
| STOT- Repeated exposure: | No data is available on this mixture. No indication from ingredients. |
| Aspiration hazard: | No data available. |

Section 12: Ecological Information

| | |
|----------------------------|--|
| Toxicity: | LC50 Fish: 4-40 mg/L |
| Persistence/Degradability: | Readily biodegradable |
| Bioaccumulation potential: | This product is not expected to bio-accumulate |
| Mobility in soil: | Very low |
| Other adverse effects: | No data available |

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Section 13: Disposal Considerations

Disposal of product: Dispose in accordance with all applicable regulations. All wastes must be handled in accordance with local, state and federal regulations. Regulations vary.

Disposal of packaging: Empty containers should be recycled.

Section 14: Transport Regulations

US Department of Transportation:

| | |
|-------------------------------|-----|
| UN Number: | N/A |
| UN Proper Shipping Name: | N/A |
| Transport Hazard Class(es): | N/A |
| Packing Group: | N/A |
| Environmental Hazards: | N/A |
| Special Precautions for User: | N/A |

Canadian T.D.G, IMO Water Transportation, & IATA Air Transportation:

| | |
|-------------------------------|-----|
| UN Number: | N/A |
| UN Proper Shipping Name: | N/A |
| Transport Hazard Class(es): | N/A |
| Packing Group: | N/A |
| Environmental Hazards: | N/A |
| Special Precautions for User: | N/A |

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Section 15: Regulatory Information

USA

Federal Regulations

SARA 311/312 Hazardous Categorization

| | |
|-----------------------------------|-----|
| Acute | Yes |
| Chronic | No |
| Fire Hazard | No |
| Sudden release of pressure hazard | No |
| Reactive hazard | No |

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any HAPs.

Section 16: Additional Information

Key to Abbreviations:

NDA- No data available N/D- Not determined N/A- Not applicable N/E- Not established

The weight % of raw materials in this product that are classified as an eye & skin irritant, do not exceed the GHS requirement to be labeled as such. If in eyes, a person will experience the same level of discomfort as a traditional hair shampoo/body wash. If in eyes, immediately flush eyes with plenty of water to relieve any discomfort. Skin irritation is not expected unless an individual is sensitive to this type of product.

This information relates to this specific material. It may not be valid for this material if used in combination with any other materials or in any process. National Carwash Solutions makes no warranty, express or implied, as the accuracy or completeness of information herein, except that such information is to the best of National Carwash Solutions' knowledge. National Carwash Solutions assumes no responsibility for injury from the use of the product described herein.