

SAFETY DATA SHEET

FLEET DUO

Section 1: Product and Company Identification

Product Name	Fleet DUO
Product Description/Use	Lubricating detergent with polishing agent
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:

Not applicable

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*	3-5%

*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

Ingredient Exposure Limits

None for ingredients

OSHA PEL

N/A

ACGIH TLV

N/A

Personal Protection

- Eyes:** 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:** No special controls needed.

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Section 9: Physical and Chemical Properties

Form and Appearance:	Opaque liquid	Odor:	Mild
Vapor Pressure:	N/D	Odor Threshold:	N/D
Vapor Density (Air=1):	N/A	pH:	6-8
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: >6,000 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:	Toxic to aquatic life. No data is available on this mixture.
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.

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