



SAFETY DATA SHEET

Issue Date 01-Apr-2015

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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name FT WASH PLUS WAX CONCENTRATE
Product Code FLSWNWYXCT-WW
Customer Code FT 702

Other means of identification

Recommended use of the chemical and restrictions on use

Recommended Use Car Wash Detergent
Uses advised against Use only as stated on label.

Details of the supplier of the safety data sheet

Manufactured For / Distributed By
Fortech® Products a Formula Corp Brand
4432 C ST NE
Auburn, WA 98002
Phone (800) 772-7005
E-Mail sales@formulacorp.com

Emergency telephone number

24 Hour Emergency Phone Number (800) 228-5635 X059

2. HAZARDS IDENTIFICATION

Classification

| | |
|--------------------------|----------------|
| Acute toxicity - Oral | Not classified |
| Carcinogenicity | Category 2 |
| Chronic aquatic toxicity | Category 3 |

Label elements

Emergency Overview

Warning

Hazard statements

Suspected of causing cancer
Harmful to aquatic life with long lasting effects

**Precautionary Statements - Prevention**

- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required
- Avoid release to the environment

Precautionary Statements - Response

- IF exposed or concerned: Get medical advice/attention
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
 - IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.
 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Drink plenty of water.

Precautionary Statements - Storage

- Store locked up

Precautionary Statements - Disposal

- Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)**Other Information**

Unknown Acute Toxicity

0.62% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Weight-% | Trade Secret |
|---|-------------|----------|--------------|
| Water | 7732-18-5 | 60-100 | * |
| Sodium Laureth Sulfate | 9004-82-4 | 1-5 | * |
| Sodium Alpha Olefin Sulfonate | 68439-57-6 | 1-5 | * |
| Cocamide DEA | 68603-42-9 | 1-5 | * |
| Alcohols, C10-16, Ethoxylated | 68002-97-1 | 1-5 | * |
| Sodium Chloride | 7647-14-5 | 1-5 | * |
| Lauramine Oxide | 1643-20-5 | 1-5 | * |
| Proprietary | Proprietary | .1-1 | * |
| Glycerin | 56-81-5 | .1-1 | * |
| DMDM Hydantoin | 6440-58-0 | <0.1 | * |
| Diethanolamine | 111-42-2 | <0.1 | * |
| 5,5-DIMETHYL-1-HYDROXYMETHYLHYDANTOIN | 116-25-6 | <0.1 | * |
| 3-(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione | 16228-00-5 | <0.1 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**First aid measures****Skin Contact**

Wash skin with soap and water.

| | |
|--------------------|---|
| Eye contact | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. |
| Inhalation | Consult a physician |
| Ingestion | Remove to fresh air. Clean mouth with water and drink afterwards plenty of water. |

Most important symptoms and effects, both acute and delayed

| | |
|-----------------|--|
| Symptoms | Any additional important symptoms and effects are described in Section 11: Toxicology Information. |
|-----------------|--|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Note to physicians | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

| | |
|-----------------------------|--|
| Personal precautions | Ensure adequate ventilation, especially in confined areas. |
|-----------------------------|--|

Environmental precautions

| | |
|----------------------------------|---|
| Environmental precautions | See Section 12 for additional ecological information. |
|----------------------------------|---|

Methods and material for containment and cleaning up

| | |
|--------------------------------|---|
| Methods for containment | Prevent further leakage or spillage if safe to do so. |
| Methods for cleaning up | Pick up and transfer to properly labeled containers. |

7. HANDLING AND STORAGE**Precautions for safe handling**

| | |
|--------------------------------|--|
| Advice on safe handling | Handle in accordance with good industrial hygiene and safety practice. |
|--------------------------------|--|

Conditions for safe storage, including any incompatibilities

| | |
|-------------------------------|--|
| Storage Conditions | Keep containers tightly closed in a dry, cool and well-ventilated place. |
| Incompatible materials | None known based on information supplied. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

| | |
|----------------------------|---|
| Exposure Guidelines | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. |
|----------------------------|---|

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---------------|-----------|----------|------------|
|---------------|-----------|----------|------------|

| | | | |
|----------------------------|---|--|---|
| Glycerin 56-81-5 | Yes | TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction | Yes |
| Diethanolamine 111-42-2 | TWA: 1 mg/m ³ inhalable fraction and vapor S* | (vacated) TWA: 3 ppm (vacated) TWA: 15 mg/m ³ | TWA: 3 ppm TWA: 15 mg/m ³ |

NIOSH IDLH *Immediately Dangerous to Life or Health*

Other Information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls Showers, Eyewash stations & Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection No special technical protective measures are necessary.
Skin and body protection No special technical protective measures are necessary.
Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
General Hygiene Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid
Appearance Clear
Color Yellow
Odor Sweet
Odor threshold No Information available

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|-------------------------------|--------------------------|-------------------------|
| pH | 7.0 - 8.0 | |
| Specific Gravity | 1.026 | |
| Viscosity | 350-500 cP @ 75°F | |
| Melting point/freezing point | No Information available | |
| Flash point | None | |
| Boiling point / boiling range | No Information available | |
| Evaporation rate | Same as water | |
| Flammability (solid, gas) | | |
| Flammability Limits in Air | | |
| Upper flammability limit: | No Information available | |
| Lower flammability limit: | No Information available | |
| Vapor pressure | No Information available | |
| Vapor density | No Information available | |
| Water solubility | Soluble in water | |
| Partition coefficient | No Information available | |
| Autoignition temperature | No Information available | |
| Decomposition temperature | No Information available | |

Other Information

Density Lbs/Gal 8.55
VOC Content (%) No Information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Stability Stable under recommended storage conditions.
Possibility of Hazardous Reactions None under normal processing.
Conditions to avoid Extremes of temperature and direct sunlight.
Incompatible materials None known based on information supplied.
Hazardous Decomposition Products None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation No data available.
Eye contact Irritating to eyes.
Skin Contact Prolonged contact may cause redness and irritation.
Ingestion Harmful if swallowed.

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|----------------------------|-----------------------|-------------|-----------------|
| Cocamide DEA 68603-42-9 | = 12400 µL/kg (Rat) | Yes | Yes |

Information on toxicological effects

Symptoms No Information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No Information available.
Germ cell mutagenicity No Information available.
Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|----------------------------|-------|----------|-----|------|
| Cocamide DEA 68603-42-9 | Yes | Group 2B | Yes | X |
| Diethanolamine 111-42-2 | A3 | Group 2B | Yes | X |

*IARC (International Agency for Research on Cancer)
 Group 2B - Possibly Carcinogenic to Humans
 OSHA (Occupational Safety and Health Administration of the US Department of Labor)
 X - Present*

Reproductive toxicity No Information available.
STOT - single exposure No Information available.
STOT - repeated exposure No Information available.
Aspiration hazard No Information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 0.62% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

12. ECOLOGICAL INFORMATION

Ecotoxicity

7.43% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|---|---|---|---|
| Sodium Alpha Olefin Sulfonate 68439-57-6 | Yes | 1.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 static 12.2: 96 h Brachydanio rerio mg/L LC50 semi-static | Yes |
| Cocamide DEA 68603-42-9 | Yes | 3.6: 96 h Brachydanio rerio mg/L LC50 semi-static | 4.2: 24 h Daphnia magna mg/L EC50 |
| Sodium Chloride 7647-14-5 | Yes | 5560 - 6080: 96 h Lepomis macrochirus mg/L LC50 flow-through 12946: 96 h Lepomis macrochirus mg/L LC50 static 6020 - 7070: 96 h Pimephales promelas mg/L LC50 static 7050: 96 h Pimephales promelas mg/L LC50 semi-static 6420 - 6700: 96 h Pimephales promelas mg/L LC50 static 4747 - 7824: 96 h Oncorhynchus mykiss mg/L LC50 flow-through | 1000: 48 h Daphnia magna mg/L EC50 340.7 - 469.2: 48 h Daphnia magna mg/L EC50 Static |
| Glycerin 56-81-5 | Yes | 51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static | 500: 24 h Daphnia magna mg/L EC50 |
| Diethanolamine 111-42-2 | 7.8: 72 h Desmodosmus subspicatus mg/L EC50 2.1 - 2.3: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 4460 - 4980: 96 h Pimephales promelas mg/L LC50 flow-through 1200 - 1580: 96 h Pimephales promelas mg/L LC50 static 600 - 1000: 96 h Lepomis macrochirus mg/L LC50 static | 55: 48 h Daphnia magna mg/L EC50 |

Persistence and degradability No Information available.

Bioaccumulation No Information available.

| Chemical Name | Partition coefficient |
|----------------------------|-----------------------|
| Glycerin 56-81-5 | -1.76 |
| Diethanolamine 111-42-2 | -2.18 |

Other adverse effects No Information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging Do not reuse container.
US EPA Waste Number U122

This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. TRANSPORT INFORMATION

Note: The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

U.S. Department of Transportation (USDOT)

15. REGULATORY INFORMATION

International Inventories

| | | | |
|--|-----------------|-----------------|-----------------|
| TSCA | <i>Complies</i> | DSL/NDSL | <i>Complies</i> |
| <i>TSCA - United States Toxic Substances Control Act Section 8(b) Inventory</i> | | | |
| <i>DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List</i> | | | |

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

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

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|----------------------------|--------------------------|----------------|---|
| Diethanolamine 111-42-2 | 100 lb | - | RQ 100 lb final RQ RQ 45.4 kg final RQ |

US State Regulations

California Proposition 65

This product contains chemicals known to the state of California to cause cancer, or birth defects or other reproductive harm.

| Chemical Name | California Proposition 65 |
|---------------------------|---------------------------|
| Cocamide DEA - 68603-42-9 | Carcinogen |
| Diethanolamine - 111-42-2 | Carcinogen |

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|----------------------------|------------|---------------|--------------|
| Glycerin 56-81-5 | X | X | X |
| Diethanolamine 111-42-2 | X | X | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

Additional information No Information available.

16. OTHER INFORMATION

HMIS

| Health hazards | Flammability | Physical hazards | Personal protection |
|----------------|--------------|------------------|---------------------|
| 1 | 0 | 0 | A |

Prepared By Regulatory Department
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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 a 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.

End of Safety Data Sheet