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Version 2

1. IDENTIFICATION

| | | |
|---|---|---|
| Product Name SmartWash® Super Red | Supplier Name and Address Whiting Systems, Inc. 9000 Highway 5 North Alexander, AR 72002 800-542-9031 | Emergency Telephone INFOTRAC 352-323-3500 (International) 800-535-5053 (North America) |
| Recommended Use Cleaning agent. | | |

2. HAZARDS IDENTIFICATION

| | | | |
|---------------------------------|--|--|--|
| Signal word Warning | Hazard statements Causes skin irritation Causes serious eye irritation | Skin corrosion/irritation Category 2 | Serious eye damage/eye irritation Category 2 |
| Appearance Red liquid | Physical state Liquid | Odor Characteristic Solvent | |



Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection

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

Other Hazards
Harmful to aquatic life with long lasting effects
Harmful to aquatic life

Hazards not otherwise classified (HNOC) Not Applicable

Precautionary Statements - Storage Store locked up

Precautionary Statements - Response

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 or doctor/physician
IF ON SKIN: (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Immediately call a POISON CENTER or doctor/physician
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Rinse mouth Do NOT induce vomiting

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% | Trade Secret |
|-------------------------------|------------|----------|--------------|
| Dodecyl benzene sulfonic acid | 27176-87-0 | <5 | * |
| Tetrasodium EDTA | 64-02-8 | <5 | * |
| Sodium hydroxide | 1310-73-2 | <5 | * |

4. FIRST AID MEASURES

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician immediately.
Eye contact Rinse cautiously with water for several minutes. Remove contact lenses
Ingestion Clean mouth with water and drink afterwards plenty of water.
Skin Contact Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if irritation occurs.

Most important symptoms and effects, both acute and delayed

Symptoms: May cause skin and eye irritation. **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.
Unsuitable Extinguishing Media Not determined **Specific hazards arising from the chemical** Non-flammable.
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: Use personal protective equipment as required. **Methods for containment:** Prevent further leakage or spillage if safe to do so.
Methods for cleaning up: Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling
Advice on Safe Handling Wash thoroughly after handling. Use personal protection recommended in Section 8.
Conditions for safe storage, including any incompatibilities
Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible Materials Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---------------------------|---------------------------------|---|--|
| Caustic Soda 1310-73-2 | Ceiling: 2 mg/m ³ | TWA: 2 mg/m ³ (Vacated) Ceiling: 2 mg/m ³ | IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³ |
| Triethylamine 121-44-8 | STEL: 3 ppm TWA: 1 ppm S* | TWA: 25 ppm TWA: 100 mg/m ³ (Vacated) TWA: 10 ppm, (Vacated) TWA: 40 mg/m ³ (Vacated) STEL: 15 ppm, (Vacated): 60 mg/m ³ | IDLH: 200 ppm |

Engineering Controls

Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

| | |
|---------------------------------------|--|
| Eye/face protection | Wear approved safety goggles where a splash hazard exists. |
| Skin and body protection | If anticipated that prolonged and repeated skin contact will occur during use of this product, wear gloves for routine industrial use. |
| Respiratory protection | Ensure adequate ventilation, especially in confined areas. |
| General Hygiene Considerations | 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 | Liquid | Odor | Not determined | | |
| Color | Red liquid | Odor Threshold | Not determined | | |
| Property | Values | Property | Values | Property | Values |
| pH | Not determined | Vapor Pressure | Not determined | Autoignition Temperature | Not determined |
| Melting Point/Freezing Point | Not determined | Vapor Density | Not determined | Decomposition Temperature | Not determined |
| Boiling Point/Boiling Range | Not determined | Specific Gravity | Not determined | Kinematic Viscosity | Not determined |
| Flash Point | Not determined | Water Solubility | Not determined | Dynamic Viscosity | Not determined |
| Evaporation Rate | Not determined | Solubility in solvents | Not determined | Explosive Properties | Not determined |
| Flammability (Solid, Gas) | Not determined | Partition Coefficient | Not determined | Oxidizing Properties | Not determined |
| | | Flammability Limit | Not determined | | |

10. STABILITY AND REACTIVITY

| | | |
|--|--|--|
| Reactivity | Chemical stability | Possibility of Hazardous Reactions |
| Not reactive under normal conditions | Stable under recommended storage conditions. | None under normal processing. |
| Hazardous polymerization | Incompatible materials | Hazardous Decomposition Products |
| Hazardous polymerization does not occur. | Strong acids. | Decomposition will not occur if handled and stored properly. |
| | | Conditions to avoid |
| | | Keep out of the reach of children. |

11. TOXICOLOGICAL INFORMATION

| Information on likely routes of exposure | | Component Information | | | |
|--|-----------------------------------|---|------------------------|--|---|
| | | Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
| Inhalation | Avoid breathing vapors or mists. | Dodecyl benzene sulfonic acid 27176-87-0 | = 500 mg/kg (Rat) | - | - |
| Eye contact | Causes serious eye irritation. | | | | |
| Skin Contact | Causes skin irritation. | Tetrasodium EDTA 64-02-8 | = 10 g/kg (Rat) | - | - |
| Ingestion | Do not taste or swallow. | | | | |
| Other adverse effects | Not determined | Caustic Soda 1310-73-2 | - | = 1350 mg/kg (Rabbit) | - |
| Carcinogenicity | Not classifiable as a carcinogen. | Triethylamine 121-44-8 | = 460 mg/kg (Rat) | = 416 mg/kg (Rabbit) = 570 µL/kg (Rabbit) | = 0.42 mg/L (Rat) 1 h = 3496 ppm (Rat) 1 h |

12. ECOLOGICAL INFORMATION

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal **Other adverse effects** Not determined

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal of wastes/Contaminated packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status: Sodium hydroxide 1310-73-2 Toxic Corrosive

14. TRANSPORT INFORMATION

DOT Not regulated **IATA** Not regulated **IMDG** Not regulated

15. REGULATORY INFORMATION

| US Federal Regulations | | | | U.S. State Right-to-Know Regulations | | | |
|---|--------------------------|----------------|---|---|----|----|----|
| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) | Chemical Name | NJ | MA | PN |
| Dodecyl benzene sulfonic acid 27176-87-0 | 1000 lb | | RQ 1000 lb final RQ RQ 454 kg final RQ | Dodecyl benzene sulfonic acid 27176-87-0 | X | X | X |
| Caustic Soda 1310-73-2 | 1000 lb | | RQ 1000 lb final RQ RQ 454 kg final RQ | Caustic Soda 1310-73-2 | X | X | X |
| | | | | Triethylamine 121-44-8 | X | X | X |

SARA 311/312 Hazard Categories

| Chemical Name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|-----------------------------|----------|----------|-------------------------------|
| Triethylamine - 121-44-8 | 121-44-8 | 0.5 | 1 |

16. OTHER INFORMATION

| NFPA | Health hazards | Flammability | Instability | Special Hazards | HMIS | Health hazards | Flammability | Physical hazards | Personal protection |
|------|----------------|----------------|----------------|-----------------|------|----------------|----------------|------------------|---------------------|
| | Not determined | Not determined | Not determined | Not determined | | Not determined | Not determined | Not determined | Not determined |

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