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Version 2

1. IDENTIFICATION

Product Name SmartWash® Formula 60	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

Hazards not otherwise classified (HNOC) May be harmful if swallowed.**Appearance** Blue**Odor** Odorless**Physical state** Liquid

Classification This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Sodium dodecyl benzene sulphonate	25155-30-0	7-13	*
Sodium Tripolyphosphate	7758-29-4	1 - 5	*

4. FIRST AID MEASURES

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Wash mouth and nasal passages with water repeatedly. Call a physician immediately.

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a physician immediately.

Ingestion Rinse mouth. Do NOT induce vomiting. Drink plenty of water or milk immediately. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Skin Contact Wash with soap and water. DO NOT attempt to neutralize with chemical agents. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

Most important symptoms and effects, both acute and delayed**Symptoms:**

Prolonged exposure in poorly ventilated area may cause respiratory irritation. Prolonged or repeated skin contact may cause irritation. Exposed individuals may experience eye tearing, redness and discomfort. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

Note to physicians Treat symptomatically. Existing conditions aggravated by exposure: skin disorders, skin allergies, respiratory disorders, eye disorders.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Carbon dioxide (CO₂). Water spray (fog). Dry chemical. Chemical foam.

Unsuitable Extinguishing Media Not determined

Specific hazards arising from the chemical Keep containers cool with water spray to prevent container rupture due to steam buildup. Floor will become slippery if material is released. Material is alkaline and will irritate the eyes if product is allowed to directly contact the eyes.

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.

Environmental precautions: Prevent further leakage or spillage if safe to do so. **Methods for containment:** Confine and absorb into approved absorbent

Methods for cleaning up: Place in appropriate containers for disposal.

7. HANDLING AND STORAGE

Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice. Protect container from physical damage.

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children. Protect from extreme temperatures.

Incompatible materials: Strong oxidizing agents. Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium Tripolyphosphate 7758-29-4	15 mg/m ³	15 mg/m ³	-

Engineering Controls Apply technical measures to comply with the occupational exposure limits. Provide sufficient mechanical ventilation to maintain exposure below TLV(s). Eyewash stations.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear approved safety goggles.

Skin and body protection Neoprene, butyl or nitrile rubber gloves with cuffs. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection Under normal conditions, respirator is not normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. (Reference OSHA 29CFR1910.134 or European EN 149)

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Values	Remarks • Method	Property	Values
pH	9.5—10		Kinematic viscosity	Not Determined
Melting point/freezing point	Not determined	Boiling point 100 °C / 212 °F	Dynamic viscosity	Not Determined
Evaporation rate	<1	(water = 1)	Explosive properties	Not Determined
Flammability (solid, gas)	n/a-liquid		Oxidizing properties	Not Determined
Flammability Limits in Air			Autoignition temperature	Not Determined
Upper flammability limits	Not applicable		Solubility in other solvents	Not Determined
Lower flammability limit	Not applicable		Specific Gravity	1.014
Vapor pressure	17 mm Hg	@ 20 °C		

10. STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: None under normal processing. **Chemical stability:** Stable under recommended storage conditions.

Reactivity: Not reactive under normal conditions **Incompatible materials:** Strong oxidizing agents. Strong acids **Conditions to avoid:** Extreme temperatures.

Hazardous polymerization: does not occur. **Hazardous Decomposition Products:** Decomposition will not occur if handled and stored properly.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Component Information

Route of Exposure	Prevention	Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Inhalation	Avoid breathing vapors or mist	Sodium dodecylbenzene sulphonate 25155-30-0	-	1350 mg/kg (Rabbit)	-
Eye contact	Avoid contact with eyes.				
Skin Contact	Avoid contact with skin.				
Ingestion	May be harmful if swallowed.				

Other adverse effects: Not determined **Carcinogenicity:** Not classifiable as a carcinogen.

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.

14. TRANSPORT INFORMATION

Non Regulated

15. REGULATORY INFORMATION

US Federal Regulations

SARA 311/312 Hazard Categories

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium dodecyl benzene sulphonate 25155-30-0	1000 lbs			X

Chemical Name	Hazardous Substances RQs	Cercla/Sara RQ	Reportable Quantity (RQ)
Sodium dodecyl benzene sulphonate 25155-30-0	1000 lbs		RQ1000 lbs final RQ RQ 454 kg final RQ

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium dodecyl benzene sulphonate 25155-30-0	X	X	X

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		1	0	0	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