Material Safety Data Sheet

1. MATERIAL AND COMPANY IDENTIFICATION

Material Name : **Rain-X High Foaming Wash and Wax (Car Wash With Wax Beads)**
Uses : Car wash

Manufacturer/Supplier : **SOPUS Products**
PO BOX 4427
Houston, TX 77210-4427
USA
MSDS Request : 877-276-7285

Emergency Telephone Number
Spill Information : 877-242-7400
Health Information : 877-504-9351

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS No.	Concentration
Sodium hydroxide	1310-73-2	1.00 - 5.00 %

Blend of additives and water.

3. HAZARDS IDENTIFICATION

Emergency Overview
Appearance and Odour : Clear blue with suspended gold beads. Liquid. Mild.

Health Hazards
Inhalation : Under normal conditions of use, this is not expected to be a primary route of exposure.
Skin Contact : No specific hazards under normal use conditions.
Eye Contact : No specific hazards under normal use conditions.
Ingestion : Low toxicity if swallowed.
Environmental Hazards : No specific hazards under normal use conditions.
Additional Information : Under normal conditions of use or in a foreseeable emergency, this product does not meet the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

4. FIRST AID MEASURES

General Information : Not expected to be a health hazard when used under normal conditions.
Inhalation : No treatment necessary under normal conditions of use.
Skin Contact : No treatment necessary under normal conditions of use.
Eye Contact : No treatment necessary under normal conditions of use.

Ingestion	:	No treatment necessary under normal conditions of use.
Advice to Physician	:	Consult a Poison Control Centre for guidance.

5. FIRE FIGHTING MEASURES

Flash point	:	Not applicable.
Upper / lower Flammability or Explosion limits	:	Data not available
Specific Hazards	:	Will not burn or support combustion.
Suitable Extinguishing Media	:	Not applicable.
Unsuitable Extinguishing Media	:	None.

6. ACCIDENTAL RELEASE MEASURES

Protective measures	:	Not applicable. No specific measures.
Clean Up Methods	:	Not applicable.
Additional Advice	:	Observe all relevant local and international regulations.

7. HANDLING AND STORAGE

Handling	:	No specific measures.
Storage	:	No special storage requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Material	Source	Type	ppm	mg/m3	Notation
Sodium hydroxide	ACGIH	Ceiling		2 mg/m3	
Sodium hydroxide	OSHA Z1	PEL		2 mg/m3	
Sodium hydroxide	OSHA Z1A	Ceiling		2 mg/m3	

Exposure Controls	:	No exposure controls are ordinarily required under normal conditions of use. It is good general industrial hygiene practice to minimize exposure to the material.
Personal Protective Equipment	:	Not applicable.
Respiratory Protection	:	No respiratory protection is ordinarily required under normal conditions of use.
Hand Protection	:	Not normally required.
Eye Protection	:	Safety spectacles (safety glasses).
Protective Clothing	:	Skin protection is not required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Clear blue with suspended gold beads. Liquid.
Odour	:	Mild.
pH	:	6.5 - 7.5
Initial Boiling Point and Boiling Range	:	100 °C / 212 °F
Freezing Point	:	Data not available
Flash point	:	Not applicable.
Upper / lower Flammability or Explosion limits	:	Data not available
Vapour pressure	:	Data not available
Specific gravity	:	1.016 (ASTM D-4052)
Density	:	1.016 g/cm3 (ASTM D-4052)
Water solubility	:	Miscible.
n-octanol/water partition coefficient (log Pow)	:	Not applicable.
Vapour density (air=1)	:	Data not available
Volatility	:	89 %
Viscosity		4000 - 5000 centiPoise at 25 °C / 77 °F
Evaporation rate (nBuAc=1)	:	Data not available

10. STABILITY AND REACTIVITY

Stability	:	Stable under normal conditions of use.
Conditions to Avoid	:	Not applicable.
Materials to Avoid	:	Not applicable.
Hazardous Decomposition Products	:	None expected under normal use conditions.
Hazardous Polymerisation	:	No
Sensitivity to Mechanical Impact	:	No
Sensitivity to Static Discharge	:	Data not available

11. TOXICOLOGICAL INFORMATION

Basis for Assessment	:	Information given is based on data from components.
Acute Oral Toxicity	:	Expected to be of low toxicity: LD50 > 5000 mg/kg , Rat (Surfactant Blend)
Acute Dermal Toxicity	:	Expected to be of low toxicity: LD50 >2000 mg/kg , Rabbit
Acute Inhalation Toxicity	:	Expected to be of low toxicity: LC50 >20 mg/l Rat
Skin Irritation	:	Expected to be non-irritating to skin.
Eye Irritation	:	Expected to be non-irritating to eyes.
Respiratory Irritation	:	Not expected to be a respiratory irritant.
Sensitisation	:	Not a skin sensitiser.
Mutagenicity	:	No evidence of mutagenic activity.
Carcinogenicity	:	Not a carcinogen.
Reproductive and	:	Not a developmental toxicant.

Developmental Toxicity

12. ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

Acute Toxicity	:	Data not available
Mobility	:	Disperses in water.
Persistence/degradability	:	Data not available
Bioaccumulation	:	Data not available
Other Adverse Effects	:	Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

13. DISPOSAL CONSIDERATIONS

Material Disposal	:	Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.
Container Disposal	:	Dispose in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand.
Local Legislation	:	Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14. TRANSPORT INFORMATION

US Department of Transportation Classification (49CFR)
This material is not subject to DOT regulations under 49 CFR Parts 171-180.

IMDG
This material is not classified as dangerous under IMDG regulations.

IATA (Country variations may apply)
This material is not classified as dangerous under IATA regulations.

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Federal Regulatory Status

Notification Status

EINECS All components listed or

	polymer exempt.
TSCA	All components listed.
DSL	All components listed.

Comprehensive Environmental Release, Compensation & Liability Act (CERCLA)

Rain-X High Foaming Wash and Wax (Car Wash With Wax Beads) ()	Reportable quantity: 8333 lbs
Sodium dodecylbenzene sulphonate (25155-30-0)	Reportable quantity: 1000 lbs
Sodium hydroxide (1310-73-2)	Reportable quantity: 1000 lbs

Clean Water Act (CWA) Section 311

Sodium dodecylbenzene sulphonate (25155-30-0)	Reportable quantity: 1000 lbs
Sodium hydroxide (1310-73-2)	Reportable quantity: 1000 lbs

SARA Hazard Categories (311/312)
No SARA 311/312 Hazards.

State Regulatory Status

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

New Jersey Right-To-Know Chemical List

Sodium dodecylbenzene sulphonate (25155-30-0)	Listed.
Sodium hydroxide (1310-73-2)	Listed.

Pennsylvania Right-To-Know Chemical List

Sodium dodecylbenzene sulphonate (25155-30-0)	Environmental hazard. Listed.
Sodium hydroxide (1310-73-2)	Environmental hazard. Listed.

16. OTHER INFORMATION

Material Safety Data Sheet

NFPA Rating (Health, Fire, Reactivity)	:	1, 0, 0
MSDS Version Number	:	2.1
MSDS Effective Date	:	11/19/2009
MSDS Revisions	:	A vertical bar (|) in the left margin indicates an amendment from the previous version.
MSDS Regulation	:	The content and format of this MSDS is in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
MSDS Distribution	:	The information in this document should be made available to all who may handle the product.
Disclaimer	:	The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.