

SAFETY DATA SHEET

Issuing Date 08-Nov-2013

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Revision Number 0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

Product Name WASH & SHINE DETERGENT

Other means of identification

Product Code(s) SP070-01 – SP070-55

UN-Number NOT REGULATED

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Liquid high foam vehicle detergent

Uses advised against No information available

Supplier's details

Supplier Address

Seattle Pump and Equipment Company
2222 – 15th Avenue West
Seattle, Washington 98119
TEL: 1-800-683-7867

Manufacturer Address

Industrial Research Products
2505 Frank Albert Road East
Suite B120
Fife, Washington 98424

Emergency telephone number

Emergency Telephone Number 206-283-5252

2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word

Hazard Statements

- Harmful if swallowed
- Causes mild discomfort and redness with eye contact

Appearance Clear, white to yellow	Physical State Liquid.	Odor Almond-Cinnamon
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Precautionary Statements**Prevention**

- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product
- Do not breathe dust/fume/gas/mist/vapors/spray
- Wear protective gloves/protective clothing/eye protection/face protection.

General Advice

- Immediately call a POISON CENTER or doctor/physician.

Eyes

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Call a POISON CENTER or doctor/physician if irritation persists.

Skin

- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
- Wash contaminated clothing before reuse.

Inhalation

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Ingestion

- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- Rinse mouth
- Do NOT induce vomiting.

Storage

- Store locked up.

Disposal

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

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade secret
			*
			*

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

4. FIRST AID MEASURES

Description of necessary first-aid measures**Eye Contact**

Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Skin Contact	Immediate medical attention is required. Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
Ingestion	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediate medical attention is required.

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water fog or fine spray. Dry chemical extinguishers. Carbon dioxide fire extinguishers. Alcohol resistant foams are preferred.

Unsuitable Extinguishing Media CAUTION: Use of water stream when fighting fire may spread fire.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

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 Isolate area. Spilled material may cause a slipping hazard. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Evacuate personnel to safe areas. Ensure adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment. Keep people away from and upwind of spill/leak.

Environmental Precautions

Environmental Precautions See Section 12 for additional Ecological Information. Prevent entry into waterways, sewers, basements or confined areas.

Methods and materials for containment and cleaning up

Methods for Containment Stop leak if you can do it without risk

Methods for Cleaning Up Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Prevent formation of aerosols or mists. Avoid breathing vapors or mists. Use only in area provided with appropriate exhaust ventilation. Wash thoroughly after handling. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep container closed when not in use.

Incompatible Products Strong oxidizers

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

Chemical Name	AIHA WEEL	OSHA PEL	NIOSH IDLH

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection Chemical splash goggles. Face-shield.
Skin and Body Protection Impervious gloves. Impervious clothing. Boots. Apron.
Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations

Hygiene Measures 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, white to yellow
Odor	Almond-Cinnamon	Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	7 -9	
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	100 °C	
Flash Point	No data available	None known
Evaporation rate	No data available	
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
upper flammability limit	No data available	
lower flammability limit	No data available	
Vapor Pressure	25 mm Hg @ 25°C	None known
Vapor Density	No data available	
Relative Density	No data available	None known
Specific Gravity	1.05 @20°C	
Water Solubility	Completely soluble	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known

Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known

Flammable Properties Not flammable

Explosive Properties Not explosive
Oxidizing Properties No data available

Other information

VOC Content (%) 8 - 10

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Incompatible products.

Incompatible materials

Strong Oxidizers.

Hazardous decomposition products

Oxides of carbon and sulfur with incomplete combustion.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	No relevant data found.
Eye Contact	May cause moderate eye irritation. May cause slight corneal injury.
Skin Contact	No relevant data found.
Ingestion	Harmful if swallowed.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sulfonic acids, C14-16-alkane hydroxyl and C14-16 alkene, sodium salts	2310 mg/kg (Rat)	6300 mg/kg (Rabbit)	
Sodium sulfate	10000 mg/kg (Rat)		

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization No information available.
Mutagenic Effects No information available.
Carcinogenicity Contains no ingredients above reportable quantities listed as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA

IARC: (International Agency for Research on Cancer)

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

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

LD50 Oral
LD50 Dermal

12. ECOLOGICAL INFORMATION**Ecotoxicity**

This product complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Sodium chloride (NaCl)				EC50 = 1000 mg/L 48 h
Sodium sulfate				EC50 = 2564 mg/L 48 h EC50 = 4547 mg/L 96 h

Persistence and Degradability This material is readily biodegradable.

Bioaccumulation No information available.

Chemical Name	Log Pow

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods Dispose of in accordance with federal, state, and local regulations

Contaminated Packaging Do not re-use empty containers.

This product does not contain one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste

14. TRANSPORT INFORMATION

DOT Not Regulated

Proper shipping name Not Regulated
Hazard Class Not Regulated
Packing Group Not Regulated
Reportable Quantity (RQ) Not Regulated
Description

**Emergency Response Guide
Number**
TDG

UN-Number	Not Regulated
Proper Shipping Name	
Hazard Class	
Packing Group	
Description	

MEX

UN-Number	Not Regulated
Proper Shipping Name	
Hazard Class	
Packing Group	
Description	

ICAO

UN-Number	Not Regulated
Proper shipping name	
Hazard Class	
Packing Group	
Description	

IATA

UN-Number	Not Regulated
Proper Shipping Name	
Hazard Class	
Packing Group	
ERG Code	
Description	

IMDG/IMO

UN-Number	Not Regulated
Proper Shipping Name	
Hazard Class	
Packing Group	
EmS No.	
Description	

RID

UN-Number	Not Regulated
Proper Shipping Name	
Hazard Class	
Packing Group	
Classification Code	
Description	

ADR

UN-Number	Not Regulated
Proper Shipping Name	
Hazard Class	
Packing Group	
Classification Code	
Tunnel Restriction Code	
Description	
ADR/RID-Labels	

ADN

Proper Shipping Name Not Regulated
 Hazard Class
 Packing Group
 Classification Code
 Special Provisions
 Description
 Limited Quantity

15. REGULATORY INFORMATION

International Inventories

IECSC -

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

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
 Sudden Release of Pressure Hazard No
 Reactive Hazard No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

"X" designates that the ingredients are listed on the state right to know list.

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazard	1	Flammability	0	Instability	0	Physical and Chemical Hazards	-
<u>HMIS</u>	Health Hazard	1	Flammability	0	Physical Hazard	0	Personal Protection	A

Prepared By Product Stewardship
 23 British American Blvd.
 Latham, NY 12110
 1-800-572-6501

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General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet