# Material Safety Data Sheet

## Product: Hartland Powdered Vehicle Wash

Not applicable - mixture

Powder

Date of Preparation: 02-13-06

### Section 1 – Chemical Product and Company Identification

Synonyms: Form: CAS No: Supplier:

Not applicable – mixture Hartland Lubricants & Chemicals, 914 Commercial Court, Onalaska, WI 54650

### **Section 2 – Composition / Information on Ingredients**

Ingredient	CAS No	%	Exposure limits
Sodium tripolyphosphate	15091-98-2	45±10	PEL: 5 mg/ $m^3$ TLV:3 mg/m <sup>3</sup>
Sodium metasilicate	6834-92-0	$20\pm10$	TLV:2mg/m <sup>3</sup> dust PEL:2mg/m <sup>3</sup> dust
Detergents	proprietary	25±10	None established
Balance of ingredients are not hazardous as defined by OSHA			

### Section 3 – Hazard Identification

#### Emergency Overview

#### 24 Hour Professional Emergency Resource Services (PERS) 800-633-8253

Primary routes of entry: skin contact, inhalation, or eye contact. Acute exposure: severe eye irritant and skin irritant

HMIS Rating:	0 = Minimal	1 = Slight	2= Moderate	3= Serious	4 = Severe
Health = 2	Reactivity $= 0$	Fire = 0	Personal protect	ion: gloves and	d glasses

#### **Possible Health Effects**

Inhalation:	If dust is inhaled, can cause severe respiratory irritation, coughing, sore throat, and labored breathing.
Ingestion:	Corrosive. If swallowed, can cause severe irritation or burns to the gastrointestinal tract.
Skin Contact:	Can cause severe irritation depending upon length of exposure and treatment.
Eye Contact:	Can cause severe irritation or burns depending upon length of exposure and treatment.
Chronic Exposure:	Severe irritation or burns
Aggravation of Pre-existing	conditions: Pre-existing skin diseases

### **Section 4 – First Aid Measures**

Inhalation:	Remove to fresh air. Get immediate attention for any breathing difficulty. Administer CPR if needed.
Ingestion:	Give several glasses of water to drink to dilute product. Do not induce vomiting unless directed by a physician. Obtain immediate medical aid or call poison control. During vomiting there is a danger of aspirating liquid into lungs, causing damage and chemical pneumonitis. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor for breathing difficulty. Gastric lavage should be performed only by qualified medical personnel.
Skin Contact:	Immediately flush skin with cool water for at least 15 minutes. Remove contaminated clothing and shoes. Obtain medical attention if irritation develops. Launder clothing before reuse. Thoroughly clean shoes before reuse.
Eye Contact:	Immediately flush eyes with cool water for at least 15 minutes while lifting upper and lower eyelids occasionally. Get immediate medical attention.

	Section 5 – Fire Fighting Measures			
Fire:	Not considered to be a fire hazard.			
Unusual fire / Explosion Hazards	Not considered an explosion hazard. Contact with soft metals may form flammable hydrogen ga			
Fire Extinguishing Media:	Use any means suitable for extinguishing surrounding fire. Foam, carbon dioxide, dry chemic water for, or water may be suitable.			
Special Information:	In the event of a fire, wear full protective gear and NIOSH-approved self-contained breathin apparatus that is appropriate for the primary cause of fire. Containers can melt from the heat of fire. Prolonged contact with soft metals may produce hydrogen gas which is flammable.			
	Section 6 – Accidental Release Measures			
Spills: Small spills: S Large Spills: I etc.) with iner with clear wat Emergency Re	ion. Ventilate area of leak or spill. Wear appropriate protective equipment as specified in Section 8 weep up. Mop thoroughly and rinse with water. Evacuate area. Eliminate ignition sources. Block potential routes to water systems (sewers, strean t material such as sand or dirt. Containerize for reclamation or disposal. Wash down affected are er. CERCLA regulations may require reporting spills and releases to soil, water, and air. Call loc esponse agency to report spill. al: Contact the proper county, state or federal authorities.			
	Section 7 – Handling and Storage			
	en. Keep container closed when not in use. Empty containers may contain product residues – obser s. Store away from sources of heat and incompatibilities.			
S	ection 8 – Exposure controls / Personal Protection			
Airborne Exposure Limits	See section 2			
Ventilation System:	Local and/or general exhaust is recommended to keep exposure (dust) below limits.			
Personal Respirators:	Not needed under normal use conditions. Where dust is generated and ventilation is radequate, wear a NIOSH particulate respirator for particulate.			
Skin Protection:	Compatible chemical-resistant gloves and clean body-covering clothing. Maintain quic drench facility in the work area.			
Eye Protection:	Use chemical safety glasses or goggles. Maintain eye wash fountain in the work area.			
	Section 9 – Physical and Chemical Properties			
Appearance: White powder	Boiling Point: NA			
Odor: None	Melting Point: NA			
Solubility: Appreciable	Vapor Density (Air = 1) NA			
Specific Gravity: NA	Vapor Pressure (mm Hg) NA			
<b>pH: (1% solution)</b> 11.5 – 11.9	Evaporation Rate (BuAc=1) NA % VOC			
	0.00			
	Section 10 – Stability and Reactivity			

roduct: Hartland Powdered					
Hazardous Decomposition Products:	Carbon dioxide or carbon	monoxide; silici	c acid when hea	ted to decompos	stion
Hazardous Polymerizations:	Will not occur.				
Incompatibilities:	Strong oxidizers and acid	s; fluorine			
Conditions to Avoid:	Incompatibles.				
	Section 11 – To	oxicological	Informatio	)n	
			Carcinogen		
Ingredient		Known	Antici	pated	IARC Category
Sodium metasilicate		No	N	•	None
Sodium tripolyphosphate Detergents		No No	N N	-	None None
	S			-	
	Section 12 – I	<b>cological l</b>	nformation		
0	roduct is biodegradable				
Ecological Toxicity: N	lo data				
	Section 13 – D	oisposal Cor	sideration	S	
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• Federal, State & International Regula Ingredient	tions – part 2 • CERCLA	RCRA 261.33	TSCA 8(d)
Sodium metasilicate	No	No	No
Sodium tripolyphosphate	No	No	No
Detergents	No	No	Yes
Chemical Weapons Convention: No	)	<b>TSCA 12(b):</b> No	CDTA: No
<b>SARA 311/312:</b> Acute: Yes	Chronic: Yes	Fire: No	Pressure: No
Reactivity:	No		
Australian Hazchem Code:	No information found.		
Poison Schedule:	No information found		

**WHMIS:** This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains information required by the CPR.

# Section 16 – Other Information

#### **Revision Notes:**

#### Disclaimer:

Please be advised that it is your responsibility to inform your employees of the hazards of this substance, to advise them of what these properties mean and be sure they understand exposure information.

The information presented herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge. No warranty or guaranty, express or implied, is made regarding performance, stability, or otherwise. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage. Other factors may require additional safety or performance considerations. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, the handling and use remains the responsibility of the customer. No suggestions are intended as, and should not be construed as, a recommendation to infringe on any existing patents or to violate any Federal, State, or local laws.