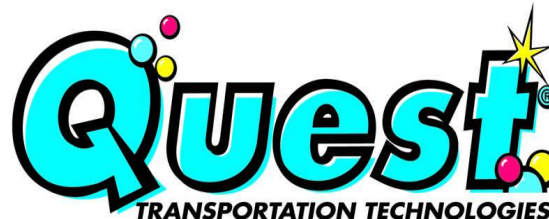


# Material Safety Data Sheet

# LPD-2577

## Section 1. Chemical Product and Company Information

**Trade Name:** LPD-2577  
**Product Type:** Laundry Detergent Powder  
**Manufacturer:** Quest Transportation Technologies  
By Pas International Corporation  
3333 Production Court  
Zeeland, MI. 49464  
1-800-346-1028  
**Date Revised:** 7/1/2011



**Emergency Phone:** 1-800-424-9300 (Chemtrec)

## Section 2. Composition, Information about Formulation Ingredients

CAS Number:	Name:	% (optional)	UNITS (TLV)	Sara 313 Reportable
6834-92-0	Sodium Metasilicate	<10	2 mg/m3	No
7601-54-9	Trisodium Phosphate	<10	NE	
497-19-8	Sodium Carbonate	<10		

Remaining Ingredients are proprietary and non-hazardous!

## Section 3. Hazardous Identification

**Emergency Notification:** Alkaline Powder Detergent! Will cause irritation to eyes and skin!  
**Product Overview:** Will damage the eyes and cause irritation on skin after prolonged contact in concentrated form. Harmful if swallowed. Respiratory tract irritant.

### Potential Health Effects

**Eyes:** Product will cause severe damage if not treated immediately.  
**Skin:** May cause a rash to form or defat the skin after contact at high concentrations.  
**Inhalation:** Concentrated product mists may be irritating to the respiratory system and will cause nausea.  
**Ingestion:** Product may cause nausea or dizziness. Will cause burns to mouth, throat and stomach.

## Section 4. First Aid Procedures

**Eyes:** Flush eyes immediately with cool running water. Remove contact lenses and continue flushing for another 10-15 minutes. Get medical attention immediately!  
**Skin:** Flush area with plenty of cool water for 10-15 minutes. Remove affected clothing and wash area under affected clothing for 10-15 minutes. Wash clothing articles before reuse. Contact a physician if any irritation persists or sores appear.  
**Inhalation:** Remove person to fresh air immediately. If not breathing administer CPR. If breathing is difficult give oxygen and get medical attention.  
**Ingestion:** Rinse the mouth, then drink 1-2 large glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

## Section 5: Fire Fighting Procedures

**Special Hazards Notification:** Non-known.  
**Fire Fighting Media:** Use water spray (fog), foam, dry chemicals or CO2.  
**Instructions:** Dike area of fire to contain and prevent product run off. Product will not burn. Treat area as for surrounding fire.  
**Special Equipment Needed:** Fire fighters should wear chemical resistant equipment in case of spill and a self contained breathing apparatus with face shield in case of product spatter.

## Section 6: Accidental Release Measures

**Personal Precautions:** Wear chemical resistant gloves, splash proof eye wear and protective clothing before attempting to move contaminated containers. Stop leak if no risk is involved. Dike spills and prevent the product from entering sewers, basements or confined areas.  
**Environmental Precaution:** Prevent this product from entering natural waterways or the ground.  
**Clean Up Procedures:** Recover material and place into sealable plastic containers only. Flush area with large amounts of water into a sanitary sewer system. Comply with local, state and federal regulations for reporting spills. See also section 13.

## Section 7: Handling and Storage

**Handling:** Do not get product on the skin, in the eyes or mouth. Keep container sealed when not in use. Avoid breathing strong product mists. Wear chemical resistant gloves, eye protection and protective clothing when moving containers to avoid contact with product residue.  
**Storage:** Keep container lids closed when not in use. Keep out of the reach of children. Store in room temperature and out of direct sunlight. Open lids slowly to release pressure. Best if used within 2 years of manufacture date. Consult with your representative should product be beyond the manufacture date.

**Section 8. Personal Protection**

LPD-2577

Personal Protection:

Eyes: Use splash proof goggles or glasses. In case of areas where product may splash or drip use a full face mask.

Skin: Use chemical resistant gloves for the hands, and use a synthetic apron to prevent further skin contact from splashing.

Respiratory: None normally required. In case of strong product mists or using in confined spaces select and use an OSHA approved breathing apparatus for powder vapors.

Ventilation: Local exhaust.

Other: Make sure eye wash and shower station is near by the area in case of emergency.

**Section 9. Physical and Chemical Properties**

Product State: Powder

Color: White

Odor: Lemon Fresh

pH @ 100%: 12.5

Boiling Point: N/A

VOC's % by wgt: 0

Phosphorous % by wgt: <10

Flash Point °F: None

Solubility in Water: Complete

lbs per gallon 7.5-8.0

**Section 10. Stability and Reactivity**

Stability: This product is stable

Reactivity: Reactive with oxidizers and strong acids.

Haz. Decomposition: Carbon dioxide

**Section 11. Toxicological Information**Overexposure Effects:

Skin: Dryness, rash or irritation!

Eyes: Corrosive. Will cause severe damage and can cause blindness.

Inhalation: Concentrate mist are irritating to the respiratory system. Will cause irritation!

Ingestion: Corrosive to internal organs and mucous membranes. Harmful if swallowed.

Carcinogenicity: Ingredients used are not known to be carcinogenic.

Other Studies: There is no other data available and no other studies have been performed on this product.

**Section 12. Ecological Information**

No Ecological Information is available on this product. However it is toxic or harmful to aquatic life. All detergents used are readily biodegradable.

**Section 13. Disposal Considerations**

Small amounts can be flushed to a sanitary sewer system with large quantities of water!  
Product can be treated by using an in house waste treatment system.  
Otherwise follow your local, state or federal regulations (contact DEQ) for proper disposal of chemicals.

**Section 14. Transportation Information**

DOT LABELING	SHIPPING DESCRIPTION	OTHER INFO
None	Non-Regulated Material	

**Section 15. Regulatory Information**

HCS Classification: None

U.S. Federal Regulations: None

TSCA 8 (b): All materials are listed or exempt

California Prop 65 None listed

<u>Hazardous Material:</u> <u>Information System:</u>	USA	Health:	1
		Fire Hazard:	0
		Reactivity:	0
		Personal Protection:	B

**Section 16. Other Information**Disclaimer:

Information presented herein has been compiled from sources considered to be accurate and reliable, but is not guaranteed to be so. Since conditions of use are beyond our control we make no warranties, expressed or implied. MSDS Prepared By: Jason Huf