

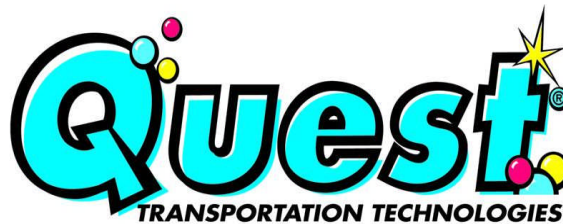
# Material Safety Data Sheet

# HPD-E

## Section 1. Chemical Product and Company Information

**Trade Name:** HPD-E  
**Product Type:** Car Wash Detergent  
**Manufacturer:** Quest Transportation Technologies  
By Pas International Corporation  
3333 Production Court  
Zeeland, MI. 49464  
1-800-346-1028

**Date Revised:** 8/1/2010



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

## Section 2. Composition, Information about Formulation Ingredients

CAS Number:	Name:	% (optional)	UNITS (TLV)	Sara 313 Reportable
Proprietary	Surfactant Blend	<20	NE	No
64-08-2	EDTA, Tetra Sodium 39%			

## Section 3. Hazardous Identification

**Emergency Notification:** None  
**Product Overview:** Causes skin and eye irritation.  
Maybe harmful if swallowed.

### Potential Health Effects

**Eyes:** Product will cause severe damage if not treated immediately.  
**Skin:** May cause a dryness or rash at high concentrations.  
**Inhalation:** Produces no irritating fumes or mists.  
**Ingestion:** Product may cause nausea or dizziness.

## 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:** Slippery where spilled.

**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. Rinse area with large quantities of water and flush to 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 in the eyes or mouth. Keep container sealed when not in use. Avoid breathing strong product mists. Wear chemical resistant gloves, eye protection when handling contaminated containers.

**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**

HPD-E

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 product mists.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: Liquid  
Color: Aqua  
Odor: Detergent  
pH @ 100%: 7 to 9  
Boiling Point: N/A  
VOC's % by wgt: 0  
Phosphorous % by wgt: 0  
Flash Point °F: None  
Solubility in Water: Complete  
Specific Gravity: 1.0**Section 10. Stability and Reactivity**Stability: This product is stableReactivity: Reactive with strong oxidizers.Haz. Decomposition: None known**Section 11. Toxicological Information**Overexposure Effects:Skin: Dryness or rash.Eyes: Will cause severe irritation and possible damage.Inhalation: Mists may be harmful to the respiratory system.Ingestion: Harmful to 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. Contains no phosphates or phenols.

**Section 13. Disposal Considerations**

Follow your local, state or federal regulations (contact DEQ) for proper disposal of chemicals. Small amounts of clean solution may be flushed with large amounts of water to sanitary sewer system.

**Section 14. Transportation Information**

Non Regulated Material

**Section 15. Regulatory Information**HCS Classification: Non RegulatedU.S. Federal Regulations: Non RegulatedTSCA 8 (b): All materials are listed or exemptCalifornia Prop 65 None listedHazardous Material:Information System: USA

Health:		1
Fire Hazard:		0
Reactivity:		0
Personal Protection:		B

**Section 16. Other Information**Disclaimer:

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