Material Safety Data Sheet **ULTRA SOAK HI 3XC**

Section 1. Chemical Product and Company Information

Trade Name: **ULTRASOAK HI 3XC**
Product Type: High Alkaline 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
1310-73-2	Sodium Hydroxide	<15	2 mg/m3	Yes
1310-58-3	Potassium Hydroxide	<15	2 mg/m3	Yes
64-02-8	EDTA, Tetra Sodium 39%	<25	NE	
Proprietary	Surfactant Blend	30 to 60	NE	

Section 3. Hazardous Identification

Emergency Notification: Corrosive, Basic Liquid!
Product Overview: Will cause severe damage to the eyes and skin after contact with this product. Harmful or fatal if swallowed.

Potential Health Effects

Eyes: Product will cause severe damage if not treated immediately.
Skin: May cause a severe rash or defat the skin after contact even with at concentrations.
Inhilation: Concentrated product mists are irritating to the respitory system and will cause nausea.
Ingestion: Will cause burns to mouth, throat, stomach and mucous membranes. Extremely harmful if swallowed.

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 plently of cool water for 10-15 minutes. Rinse area with vinegar solution. Remove affected clothing and wash area under affected clothing for 10-15 minutes. Wash clothing ariticles before reuse. Contact a physician if any irritation persists or sores appear.
Inhilation: 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: Product may cause hazardous gases if comes in contact with aluminum or zinc.
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 appartus 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.
Enviromental Precaution: Prevent this product from entering natural waterways or the ground.
Clean Up Procedures: Recover material and place into sealable plastic containers only. Neutralize affected area with dilute acid (vinegar) if necessary then flush area with large amounts of water into a sanitary sewer system or waste water treatment drain (if there is one). 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 — ULTRA SOAK HI 3XC

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.
Respitory:	None normally required. In case of strong product mists or using in confined spaces select and use an OSHA approved breathing appartus 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:	Viscous Liquid
Color:	Amber
Odor:	Detergent
pH @ 100%:	14
Boiling Point:	N/A
VOC's % by wgt:	0
Phosphorous % by wgt:	0
Flash Point °F:	None
Solubility in Water:	Complete
Specific Gravity:	1.25-1.30

Section 10. Stability and Reactivity

Stability:	This product is stable at room temperate. Unstable if heated above 130 °F.
Reactivity:	Reactive with strong oxidizers and acids. May produce hazardous gases when comes in contact with zinc and aluminum or other non-ferrous metals in the concentrated state.
Haz. Decomposition:	None known

Section 11. Toxicological Information

Overexposure Effects:

Skin:	Corrosive. Defatting of the skin, burns and sores will take place.
Eyes:	Corrosive. Will cause severe burns, damage and can cause blindness.
Inhilation:	Mists are corrosive to the respiratory system. Will cause irritation, sores or burns.
Ingestion:	Corrosive to internal organs and mucous membranes. Harmful or fatal 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. Small amounts are toxic or harmful to aquatic life.
All detergents used are readily biodegradable.

Section 13. Disposal Considerations

Neutralize this product with dilute acid to lower pH to <12.5 to make it transportable if the waste is being picked up and hauled away by vehicle transport. 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. Small amounts of clean solution may be flushed with large amounts of water to sanitary sewer system.

Section 14. Transportation Information

DOT LABELING	SHIPPING DESCRIPTION	OTHER INFO
CORROSIVE	Corrosive Liquids, NOS (Sodium Hydroxide & Potassium Hydroxide), 8, UN1760, II	

Section 15. Regulatory Information

HCS Classification:	Corrosive
U.S. Federal Regulations:	Corrosive
TSCA 8 (b):	All materials are listed or exempt
California Prop 65	None listed

Hazardous Material: Information System: USA

Health:		3
Fire Hazard:		0
Reactivity:		1
Personal Protection:		C

Section 16. Other Information

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