



BLONDCHEM LIMITED
VIWANDANI MOMBASA ROAD
ATHI 55 LTD COMPLEX
GO DOWN NUMBER 12
ATHI RIVER

P.O. BOX 16911 - 00500
NAIROBI
KENYA

Phone: +254 (0)793571137
Email: blondchemltd@gmail.com

1. Product Identification				
Trade Name		Kleen Handwash Plus		
Description		Powdered laundry detergent.		
2. Composition				
Hazardous components	CAS #	%	PEL (mg/m3)	TWA
Sodium phosphate Tribasic	7758-29-4	25	No	No
Sodium carbonate	497-19-8	5-20	No	No
Anionic surfactant	Proprietary	20-50	No	No
Nonionic surfactant	Proprietary	1-5	No	No
Substance subject to SARA 313 reporting are indicate by “#”				
STEL = 15 minute average		PEL = OSHA 8 hour average in air		
TWA = ACGIH 8 hour average		C = ceiling limit in air; do not exceed		
3. Hazard Identification				
Main hazard	May irritate skin, eyes, mucous membranes of mouth, throat and esophagus.			
Explosive hazard	None			
Fire	Reacts with acids and soft metals to release flammable hydrogen gas.			
Chemical hazard	May form vapours.			
Health effects – eyes	May cause irritation and chemical burns.			
Health effects – skin	May cause irritation and chemical burns if untreated.			
Health effects – ingestion	HARMFUL. Causes stomach distress, nausea and vomiting. May cause chemical burns to throat and esophagus.			
Health effects – inhalation	People with asthma or other lung problems may be affected.			
4. First Aid				
Product in eyes:	Immediately flush eyes with plenty of cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart so as to rinse entire eye. CALL A PHYSICIAN IMMEDIATELY.			
Product on skin:	Should not cause irritation. If sensitization occurs, flush well with running water.			
Product ingested:	Rinse mouth at once; then drink 1 or 2 glasses of water. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person.			
Product inhaled:	Immediately move to fresh air.			
For any serious contact situation – GET MEDICAL ATTENTION.				
5. Fire Fighting Measures				
Extinguishing media	Use method appropriate for surrounding fire.			
Special hazards	Oxidizer. High temperature may release oxygen, thereby adding to the hazards of the fire.			



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6. Accidental Release Measures	
Personal precautions	<i>Pick up without raising dust. Flush area with water.</i>
Environmental precautions	<i>May be satisfactorily biodegraded in conventional treatment plants. pH fluctuations may arise from large scale spillages.</i>
Small spills	<i>Flush spill area with plenty of water.</i>
Large spills	<i>Pick up without raising dust. Flush area with water. Any disposal procedure must be in compliance with local state regulations.</i>
7. Handling and Storage	
Suitable material	<i>HDPE drums or approved plastic.</i>
Loading/unloading precautions	<i>Wear standard industrial protective equipment.</i>
Handling/storage precautions	<i>Avoid contact with skin, eyes and mucous membranes. Minimize spray mists/vapours. Store in cool, dry well ventilate place.</i>
8. Exposure Controls/Personal Protection	
Personal protection – respiratory	<i>Avoid breathing dust of this product.</i>
Personal protection – eyes	<i>For continued or severe exposure, wear goggles.</i>
Personal protection – skin	<i>Wear any industrial rubber gloves, synthetic apron, and other protective equipment as necessary to prevent skin contact.</i>
Other	<i>Access to emergency eye wash and shower is recommended.</i>
9. Physical and Chemical Properties:	
Appearance	<i>White to off white Free flowing powder</i>
Odour	<i>slight</i>
pH	<i>11.7-11.8 (2%)</i>
Specific Gravity	<i>-</i>
Solubility – water	<i>Appreciable</i>
Flammability	<i>Not flammable</i>
Flash point	<i>-</i>
Melting point	<i>-</i>
Boiling point	<i>-</i>
Auto-flammability	<i>-</i>
Vapour pressure	<i>-</i>
10. Stability and Reactivity	
Conditions to avoid	<i>Reacts with acids and soft metals, producing flammable hydrogen gas. Mix only with water.</i>
Stability	<i>Stable under normal conditions of handling</i>
Hazardous decomposition products	<i>-</i>



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11. Toxicological Information

Acute toxicity	<i>Corrosive to skin, eyes,</i>
Chronic toxicity	<i>Chronic exposure to enzymes can lead to allergic sensitization.</i>
Carcinogenicity	<i>None documented</i>
Mutagenicity	-
Neurotoxicity	<i>Headache can occur.</i>
Reproductive hazards	-

12. Ecological Information

General	<i>Large quantities released will produce pH level changes. NPE 9.5 will undergo 90-95% primary biodegradation under continuous activated sludge methods.</i>
Aquatic	<i>Environmental concentrations of NPE in rivers receiving untreated wastewater have been shown to be 60-75% below detection levels.</i>
Biodegradability	<i>NPE 9.5 will undergo 90-95% primary biodegradation under continuous activated sludge methods.</i>
Bio-accumulation	<i>None known.</i>

13. Disposal Considerations

Follow local and national regulations.

Small quantities: Flush away with plenty of water.

Large quantities: Send to special waste disposal facility.

Disposal of packaging: Do not cause excessive dusting of product when disposing.

14. Transport Information

UN No.	<i>NR</i>
Container	<i>II</i>
Packing Group	<i>5.1</i>

15. Regulatory Information

<i>Risk phrases:</i>	<i>R23/24/25: Toxic when inhaled and swallowed, and when coming into contact with skin.</i>
<i>Safety phrases:</i>	<i>S2: Keep out of reach of children</i>
	<i>S36/37/39: Wear suitable protective clothing, protective gloves and goggles/face mask for all work.</i>
	<i>S3/7/9: Keep container tightly closed in a cool well ventilated place.</i>
	<i>S26: Upon contact with the eyes, rinse thoroughly with water and consult a doctor</i>

16. Other Information

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

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