

KWD EXTREME FOAM DEGREASER

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER			
Product Name	Kwd Extreme Foam Degreaser		
Product Code	KwdExFoDeg		
Product Use	Heavy duty water-based degreaser		
Company Name	Kleen West Distributors		
Address	Unit 3, 22 Prestige Parade Wangara WA 6065		
Emergency Telephone	13 11 26		
Telephone	(08) 9303 2882		
Web	www.kleenwest.com.au		
2. HAZARDS IDENTIFICATION			
Hazardous Nature	This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE.		
Dangerous Goods	Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) For Transport by Road and Rail; DANGEROUS GOODS.		
GHS Classification	Serious Eye Damage / Irritation – Category 1 Skin Corrosion / Irritation – Category 2		
Signal Word	DANGER		
Pictogram			
Hazard Statements	H315 Causes Skin Irritation. H318 Causes Serious Eye Damage		
Precautionary Statements	General P101 If medical advice is needed, have product container or label at hand P102 Keep out of reach of children P103 Read label before use Preventative P264 Wash hands thoroughly after handling P280 Wear protective gloves / eye protection / face protection Response P330+P331 IF SWALLOWED Rinse mouth. Do NOT induce vomiting P302+P352 IF ON SKIN Wash with water and soap. P305+P351+P338 IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. P310 Immediately call a POISON CENTRE 13 11 26 or DOCTOR / PHYSICIAN. P362 Take off contaminated clothing and wash before reuse.		
3. COMPOSITION/INFORMATION ON INGREDIENTS			
	Ingredient	CAS No.	Proportion
	Sodium hydroxide	1310-73-2	<5%
	Butyl Glycol Ether	111-76-2	<5%
	Anionic Surfactant	68891-38-3	3%
	Sequesterants		3%
	Water and other non-hazardous ingredients	-	to 100%
4. FIRST AID MEASURES			

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Inhalation	Remove victim from exposure. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.
Ingestion	Do NOT induce vomiting. Give a glass of water and seek urgent medical attention.
Skin	Remove contaminated clothing and flush affected area with running water and wash with soap if available. Wash contaminated clothing before re-use. If irritation persists seek medical attention
Eye	If in eyes, hold eyelids apart and irrigate with clean water for at least 15 minutes. Seek medical assistance if irritation persists.
First Aid Facilities	Eye wash station.
Advice to Doctor	Treat symptomatically as for alkali.
Symptoms caused by exposure	Inhalation – May result in burning sensation of nose and throat. Skin – Skin burns, redness, swelling and / or blisters. Eye – Will irritate eyes. May cause burning sensation, redness, swelling, blurred vision. Corneal injury may develop. Ingestion – May result in nausea, vomiting and stomach pain.
5. FIRE FIGHTING MEASURES	
Extinguishing Media	Not flammable. Not combustible. Use extinguishing media appropriate to the source of the fire.
Hazards from Combustion Products	In the event of a major fire, this product may emit toxic fumes including carbon monoxide, carbon dioxide and oxides of sulphide.
Precautions for Fire Fighters	Cool containers with water to prevent containers from rupturing.
6. ACCIDENTAL RELEASE MEASURES	
Emergency Procedures	Small spills may be mopped up. Personnel involved in the clean up of large spills should wear appropriate protective clothing as specified in Section 8. Clean up spills immediately to prevent further accidents. Evacuate all unnecessary personnel. Stop leak if safe to do so. Do not let product reach drains or waterways.
Spills & Disposals	Contain and recover liquid where possible. Use material such as earth to contain spill and pack residue into appropriate containers for disposal at approved site. Wash affected area with water.
7. HANDLING AND STORAGE	
Storage	Store in original container in a cool, well ventilated area out of direct sunlight. Keep containers closed when not in use. Do not store near strong oxidising agents or acids.
Handling	Wear protective clothing as specified in Section 8 when handling product in bulk or there is potential for skin and eye contact. Wash hands and other exposed areas with soap and water immediately after handling and before eating, drinking, smoking or using the toilet.
8. EXPOSURE CONTROL/PERSONAL PROTECTION	
Exposure Standards	From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia – Sodium Hydroxide : 2mg/m ³ (peak) TWA 2-Butoxyethanol: 96.9mg/m ³ (20ppm) TWA, 242mg/m ³ (50ppm) STEL Alkaline Salts : 10mg/m ³ in respirable mists
Biological Limits	None allocated.
Engineering controls	Use with good general ventilation. If mists or aerosols are generated, a system of local and/or general exhaust is recommended to keep employee exposure as low as possible. Local exhaust ventilation is preferable because it can control emissions at source preventing dispersion into the general work area. Keep containers closed when not in use.
Personal Protective Equipment	Eye Protection: Face shield and/or chemical goggles (AS 1336/1337). Glove Type: Impervious PVC or nitrile gloves (AS 2161). Clothing: PVC or nitrile splash apron and rubber boots.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow Liquid
Odour	Characteristic
pH (neat)	13 – 13.5
Vapour Pressure	Not determined
Vapour Density	Not determined
Boiling Point/Range	Approximately 100°C
Freezing/Melting point	<0°C
Solubility in Water	Miscible in all proportions
Specific Gravity	Approximately 1.05
Flash Point	Not applicable
Flammable Limits	Not flammable

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage and handling.
Materials to Avoid	Acids.
Decomposition	May emit toxic or irritating fumes if heated above its boiling point.
Hazardous Reactions	Reacts with aluminium and aluminium alloys producing highly flammable hydrogen gas.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	Product is alkaline. Irritating to skin and eyes.
Inhalation	Not considered a hazard of normal use (product is not volatile). Inhalation of mist or aerosol will cause pulmonary irritation.
Ingestion	Low systemic toxicity. May cause burning of the mouth and oesophagus, nausea, vomiting and abdominal pain.
Skin	Irritating to skin. Irritant dermatitis may result from working with this material.
Eye	Severe eye irritant. Permanent eye damage may occur if not treated immediately.
Toxicity Data	The toxic effects of this product are due to its alkalinity and not by any specific systemic effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity	This product is considered harmful to aquatic organisms (due to its alkalinity). Do not contaminate waterways with the product or used containers.
Persistence and Degradability	No data available for this product.
Mobility	No data available for this product.

13. DISPOSAL CONSIDERATIONS

Waste Disposal	Refer to waste management authority. Normally suitable for disposal at approved waste site. Containers should be thoroughly rinsed and recycled.
Legislation	Dispose of in accordance with applicable local and national regulations. Contact a specialist waste company or local regulator for advice.

14. TRANSPORT INFORMATION

Classified as a Dangerous Good according to the criteria of the ADG Code

U.N. Number	1760
Proper Shipping Name	Corrosive Liquid, N.O.S
Class and Subsidiary Risk(s)	Class 8
Packing Group	III
Special Precautions	None allocated
Hazchem Code	2X

15. REGULATORY INFORMATION

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Poisons Schedule	S5
AICS	All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).
16. OTHER INFORMATION	
Contact Point	Anthony Benich
Title	Technical Manager
Telephone	08 9303 2882
After Hours	0432 620 423
The information contained in this Material Safety Data Sheet is believed to be accurate and reliable; however, Kleen West Distributor shall not be liable for any inaccuracy in the information or for any loss, injury or damage whatsoever arising from the use of this product as conditions and methods of use are beyond our control. Users should read this Material Safety Data Sheet and evaluate the information in the context of how the user intends to handle and use the product in the workplace including the use of this product with other products.	

End of Report