

SAFETY DATA SHEET



HEAVY OIL DEGREASER

National Fire Protection Association (NFPA)	Fire Hazard		Reactivity	Hazardous Material Information System (HMIS)	HEALTH	0
	Health				FLAMMABILITY	0
					PHYSICAL HAZARD	0
					PERSONAL PROTECTION	B

SECTION 1. IDENTIFICATION			
Product Name	HEAVY OIL DEGREASER	Product Code	BCHD 50-1213
Supplier	BioClean Asia Pacific Inc.	Product Use	Industrial Surface Cleaner & Degreaser
Address of Supplier	Bldg.3, B7, L3, Circuit St. Bo. Diezmo, Cabuyao 4025 Laguna Philippines		
Emergency Phone No.	+63 49-534-0870		
Information Phone No.	+63 49-534-0870		
Fax No.	+632-478-8453		

SECTION 2. HAZARDS IDENTIFICATION	
<p>There are no significant laboratory data to suggest any hazard to humans. A knowledge of the available toxicology information and of the physical and chemical properties of the materials suggests that overexposure is unlikely to aggravate existing medical conditions. Exposure to small quantities is not expected to cause adverse health effects. Good chemical hygiene is always recommended when handling any chemical.</p>	
Eye Contact	Direct contact with eyes may cause moderate eye irritation.
Skin Contact	None known. If irritation develops, seek medical attention.
Inhalation	No serious or irreversible effects expected.
Ingestion	Seek the advice of a physician immediately.
Carcinogenicity	IARC, NTP and OSHA do not list this product as carcinogen.

SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS			
Ingredients	C.A.S. Number	Concentration, %	Hazardous
Water	7732 - 18 - 5	≥ 79%	No
Vegetable Oil	61788 - 65 - 6	< 10%	No
Ethoxylated Fatty Alcohols	66455 - 15 - 0	< 5%	No
Non-ionic Alkyl Polyglycoside Surfactant	110615 - 47 - 9	< 5%	No
PEG 12	25322 - 68 - 3	< 1%	No

SECTION 4. FIRST-AID MEASURES	
Eye Contact	Flush well with water for at least 15 minutes. Seek medical attention if severe irritation occurs.
Skin Contact	Rinse area well with water for at least 15 minutes if irritation occurs.
Ingestion	If product is swallowed, drink large amount of water. Get medical attention.
Inhalation	None known. If first-aid is required, move victim to fresh air.

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SECTION 5. FIRE FIGHTING MEASURES	
Flammable Limits in air	N/A
Flash Point	N/A
Extinguishing Media	Water spray, Dry chemical
Fire Fighting Instructions	Do not release run-off from fire control methods to sewers and waterways.
Special Fire Fighting Procedure	Wear self-contained breathing apparatus and protective clothing.
Unusual Fire and Explosion Hazard	None known.

SECTION 6. ACCIDENTAL RELEASE MEASURES	
Environmental Precautions/ Method of Disposal	<p>Leaks should be stopped.</p> <p>Contain spilled materials and clean-off immediately.</p> <p>Liquids should be vacuumed up or absorbed with clay or sand.</p> <p>Small quantities may be flushed with plenty of water.</p> <p>Wash affected area with water.</p> <p>Spill area may become slippery.</p> <p>Observe all Federal, state and local laws regarding waste disposal.</p>

SECTION 7. HANDLING AND STORAGE	
Precautions in handling and storage	<p>Store at room temperature away from heat and direct sunlight.</p> <p>Normal handling and storage consistent with good chemical hygiene.</p>

SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION		
Appropriate Engineering Control Measures	<p>Good general ventilation should be adequate.</p> <p>Respiratory protection is not required if good ventilation is maintained.</p>	
Personal Protective Equipment/ Measures  	Respiratory Protection	No special protection required.
	Eye Protection	Wear protective eye glasses or safety goggles.
	Protective Clothing	Use chemically impervious clothing or gloves to prevent skin contact.
	Safety Stations	Make emergency eye wash stations, safety/ quick-drench showers and washing facilities available in work place.
	Comments	Never eat, drink, smoke in work areas. Practice good personal hygiene after using this product especially before eating, drinking, smoking, using the toilet or applying cosmetics.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Light Amber liquid
Physical State	Solution
Odor	Characteristic for detergents
pH as supplied	10.0 (neat)
Vapor Pressure	N/A
Vapor Density	N/A
Solubility in water	Complete
Volatile Organic Cmpd.	None
Auto Ignition Temperature	None
Melting Point	N/A
Freezing Point	N/A
Decomposition Point	N/A
Viscosity	3,000 - 10,000 cP
Refractive Index	N/A
% Volatile	Nil
Specific Gravity	~ 0.97
Evaporation Rate	N/A

SECTION 10. STABILITY AND REACTIVITY	
Stability	Product is STABLE at room temperature in closed containers under normal storage and handling conditions.
Conditions to avoid	Avoid excessive heat or cold.
Incompatibility	None known
Hazardous Decom./ By-products	None known
Hazardous Polymerization	Will not occur
Condition to avoid (polymerization)	None known

SECTION 11. TOXICOLOGICAL INFORMATION	
Effects of chronic exposure	No chronic effect when used according to directions.

SECTION 12. ECOLOGICAL INFORMATION	
Biodegradability	Chemicals used in this product are biodegradable.

SECTION 13. DISPOSAL CONSIDERATIONS	
Waste disposal method	Observe all federal, state and local regulations regarding waste disposal.
RCRA Hazard Class	N/A

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SECTION 14. TRANSPORT INFORMATION		
Land transport ADR/RID (cross boarder)	ADR/RID Class	Not Regulated
Maritime transport IMDG	IMDG Class	Not Regulated
Air transport ICAO-TI and IATA-DGR	ICAO/IATA Class	Not Regulated
Transport additional information	Non-dangerous according to above regulations. Transport in original containers. Do not open containers while in transport. Avoid stacking over 4 containers to avoid container breakage.	

SECTION 15. REGULATORY INFORMATION	
National Regulations	None applicable
International Regulations	None applicable

SECTION 16. OTHER INFORMATION	
SDS Preparation Date	30-Sep-14
Prepared by	BioClean Asia Pacific Inc.

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