



**MATERIAL SAFETY DATA SHEET - SPARTABRAKE
BIO-SAFE BRAKE & METAL PARTS CLEANER – PART# 833-77409**

Manufactured By: Spartaclean Bio-Technologies		Emergency Response Number:				
Address: PO Box 16072		815.637.1574				
Address: Rockford, IL 61132						
SECTION 1 – PRODUCT INFORMATION						
Chemical Family: Bio Based Solvent Solution		Trade Name: SPARTABRAKE BIOBRAKE & PARTS CLEANER				
Formula: Proprietary Mixture – Bio-based & Bio-degradable chemical materials						
SECTION 2 – HAZARDOUS INGREDIENTS						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits			
			TVL		PEL	
			ppm	mg/m ³	ppm	mg/m ³
Ethyl Lactate (Distilled / Highly Refined)	97-64-03	85-90%				
Heptane	8031-33-2	10-15%				
Section 3 – PHYSICAL DATA						
Boiling Point:	145°F	Specific Gravity:	9840g/cm3			
Vapor Pressure @20°C (TORR) (mm. Hg):	0.mmHg/0.4Pa (20c)	% Volatile:	N/A			
Vapor Density (Air = 1):	4.8	Evaporation Rate: N/A	Not Determined			
Solubility in Water:	slightly	pH: N/A				
Appearance and Odor: Clear / Mild Type Odor.						
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA						
Flash Point (Method) °F/°C: 130F		Flammability Limits UEL & LEL ----: Not Determined				
Extinguishing Media: Carbon dioxide foam, dry chemical foam, sand, earth, waterfog.						
Special Fire Fighting Procedures: Treat as a class B fire. Avoid breathing fumes. Do not enter any enclosed or confined space without protective equipment including self contained breathing apparatus.						
Unusual Fire & Explosion Hazards: None Known						
SECTION 5 - REACTIVITY HAZARD DATA						
STABILITY [X] STABLE [] UNSTABLE		Hazardous Decomposition [] WILL [X] WILL NOT OCCUR				
Conditions to Avoid: None Known						
Incompatibility (Mat. to avoid): Strong oxidizing agents.						
Hazardous Decomposition Products: Carbon monoxide, Carbon Dioxide						
Conditions to Avoid: None						
SECTION 6 - HEALTH HAZARD DATA						
Threshold Limit Value and Sources: None established.						
Acute Effects of Overexposure:						
Ingestion:	Give plenty of water to dilute product, Do not induce vomiting. Keep victim quite.					
Eye Contact:	At high concentrations when heated vapors are irritating to eyes, liquid contact produces severe irritation and possible eye burns.					
Skin Contact:	None Known (unless allergic to Corn or Soy products).					
Inhalation:	Inhalation of vapors of mists may cause dizziness, drowsiness and irritation to the mucous membranes.					
CHRONIC EFFECTS OF OVEREXPOSURE: None currently known						
Emergency and First Aid Procedures:						
Swallowing:	Do not induce vomiting. Drink milk or water to dilute. Seek medical attention immediately.					
Skin:	Remove contaminated clothing. Wash skin with copious amounts of soap and water. Launder contaminated clothing.					
Inhalation:	Remove victim to fresh air. If breathing is labored administer oxygen.					
Eyes:	Flush eyes with clear, cool, clean water for 30 minutes. Seek medical attention immediately					
SECTION 7 – SPILL OR LEAK PROCEDURES						
Environmental Impact: This product is biodegradable, as such it does not pose any undue environmental hazards. This product is not hazardous waste if it is discarded in the purchased form.						
Procedures To Be Taken If Material Is Released or Spilled: Absorb spills with absorbent material. Ventilate confined spaces. Large spills should be contained then pumped into a tank or drums for disposal. After material has been removed, flush contaminated area with large amounts of water.						
Waste Disposal Method: Dispose of at an approved waste or disposal site facility in accordance with all applicable federal, state and local laws and regulations. For spent product, allow contaminates or waists to filtered or separated and discharge in accordance with EPA regulations..						
SECTION 8 – SPECIAL PROTECTION INFORMATION						
Respiratory Protection:	None required under ordinary conditions of use.					
Ventilation:	No special requirement under ordinary conditions of use and with adequate ventilation.					
Eye Protection:	Goggles of face shield.					
Protective Clothing:	Use apron & boots as required. Solvent resistant neoprene or rubber gloves.					



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SECTION 9 – SPECIAL PRECAUTIONS				
Precautions To Be Taken In Handling and Storage: Do not store near open flames. Launder contaminated clothing before reuse. Wash thoroughly with soap and water after use. For product cleanliness - keep containers closed when not in use. Non- Flammable according to current DOT regulations.				
Special Comments: This product is NOT considered a combustible liquid. Do not reuse container. Dispose of the container in accordance with local, state and federal EPA regulations.				
SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA				
HMIS & NFPA Ratings: Health = 2 Fire = 2 Reactivity = 0				
This product does not contain any of the chemicals at 1% level that are considered to be a cancer causing or suspected of causing cancer by the National Toxicology Program Annual Reports on Carcinogens, The International Agency for Cancer Research Monographs and OSHA's 1910.10 Subpart Z List.				
This product does not contain any chemicals that are found on the State of California's Proposition 65 List for chemicals classified as potential reproductive or cancer causing agent.				
All the ingredients in this product are on TSCA list and are in compliance with the Canadian Environmental Protection Act.				
The VOC content according to EPA / CARB: 10 percent of total Volume				
SARA Title III Information				
I. Section 302/304 Extremely Hazardous				
Component	CAS#	%	RQ (lb)	RQ (gal.)*
None				
II. CERCLA Section 102 (a) Hazardous Substance				
Component	CAS#	RQ (lb)	RQ (gal)*	
None				
III. Section 313 Toxic Chemical				
Component	CAS#	%		
None				
TRANSPORTATION				
DOT Classification: Class 3				
DOT Hazard Label: Flammable Liquid				
Proper Shipping Name: Ethyl Lactate				
UN/NA Number: 1192 Package Group III				

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