

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION	
NFPA Rating: Health-2; Flammability-3; Reactivity-0; Special-B Manufacturer's Name: BRODY CHEMICAL Address: 6125 W. Double Eagle Cr. SLC, UT. 84118	HMIS Rating: Health-2; Flammability-3; Reactivity-0; Personal Protection-B DOT Hazard Classification: FLAMMABLE LIQUID UN1208 Identity (trade name as used on label): BRAKE PARTS CLEANER (HEXANE)
Date Prepared: 08/06/12 Prepared By: RW	MSDS Number: 2633 Revision- 15
Information Calls: (801) 963-2436	NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA
EMERGENCY RESPONSE NUMBER: 1-800-424-9300	

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION					
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	Approx. % wt.	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
N-Hexane	110-54-3	90-95	50 ppm	50 ppm	d
Remaining components comprise proprietary information.					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
Boiling Point: 311 to 352 approx.	Specific Gravity (H2O=1): 0.77 @ 50
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): <1 @ 68
Vapor Density (Air = 1): 1.37	Evaporation Rate (Butyl Acetate = 1): 0.2 approx.
Solubility in Water: <0.01 @ 77	Water Reactive:
Appearance and Odor: Clear, colorless liquid, minimum odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA		
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A	Auto Ignition Temperature	Flammability Limits in Air by % in Volume: % LEL: 1.4 % UEL: 8.1
FLASH POINT AND METHOD USED (non-aerosols): 9°F	EXTINGUISHER MEDIA: use foam, dry chemical, or water spray.	
SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool fire exposed surfaces. Isolate fuel supply from fire.		
Unusual Fire & Explosion Hazards: Either liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.		

SECTION 4 - REACTIVITY HAZARD DATA	
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Incompatibility (Mat. to avoid): Strong oxidizing agents.	Conditions to Avoid: N/A
Hazardous Decomposition Products: N/A	

SECTION 5 - HEALTH HAZARD DATA	
PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
ACUTE EFFECTS:	
Inhalation: High vapor concentrations (>1000 ppm) are irritating to respiratory tract. May cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.	
Eye Contact: Slightly irritating but does not injure eye tissue.	Skin Contact: Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis.
Ingestion: Minimal toxicity. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to sever pulmonary injury, possibly progressing to death.	
CHRONIC EFFECTS:	
Medical Conditions Generally Aggravated by Exposure: Skin contact may aggravate an existing dermatitis condition.	

EMERGENCY FIRST AID PROCEDURES	
Eye Contact: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.	
Skin Contact: Immediately flush with large amounts of water: use soap if available. Remove contaminated clothing, including shoes, after flushing has begun.	
Inhalation: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.	
Ingestion: If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES	
Respiratory Protection (specify type): If ventilation is not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation	Eye Protection: Safety glasses w/side shields
Protective Gloves: Chemical resistant gloves.	
Ventilation Requirements: The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.	
Other Protective Clothing & Equipment: Wear long sleeves.	
Hygienic Work Practices:	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps To Be Taken If Material Is Spilled Or Released: Land spill: Eliminate sources of ignition. Prevent additional discharge of material. Prevent liquid from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Do not use sawdust. Advise all to stay clear if a public spill occurs. Recover by pumping or with a suitable absorbent. Water spill: Eliminate source of ignition. Remove from surface by skimming or with suitable absorbent.	
Waste Disposal Methods: Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.	
Precautions To Be Taken In Handling & Storage: Use proper grounding procedure. Storage temperature – ambient.	
Other Precautions &/or Special Hazards:	

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.
 ** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only