

BUCKLEY OIL COMPANY

MATERIAL SAFETY DATA SHEET

Page 1 / 5

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Adhesive Remover-B **BLN:** **REVISED DATE:** February 26, 2009
DESCRIPTION: General Purpose Adhesive Remover

COMPANY NAME: Buckley Oil Company **Office:** (214) 421-4147
1809 Rock Island Street **Fax:** (214) 428-4566
Dallas, TX 75207 www.buckleyoil.com

EMERGENCY TELEPHONE NUMBERS: **INFOTRAC (800) 535-5053**

SECTION – 2 COMPOSITION INFORMATION

COMPONENT	CAS #	% BY WEIGHT
Heptane	426260-76-6	14 - 19

SECTION – 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER! Extremely Flammable Liquid and Vapor, Can Cause Flash Fire. Irritating to Eyes, Skin and Respiratory Tract. ASPIRATION HAZARD, Harmful if Swallowed. Title III Reporting

ACUTE – Effects Of Single Overexposure

EYES – Product contact with eyes can cause irritation. Vapor effects may cause eye irritation experienced as tearing, discomfort, redness or pain.

SKIN – Product contact with skin can cause irritation, itching, scaling, reddening and possible blistering.

INHALATION – Product is irritating to respiratory tract, can cause headache, drowsiness, dizziness, loss of coordination, disorientation and fatigue

INGESTION – Harmful If Swallowed. Can cause burning in the throat, stomach, abdominal pain and nausea.

Aspiration Hazard - Vomiting can cause serious inflammation and accumulation of fluids in the lungs. (Pneumonitis and pulmonary edema) Aspiration into the lungs can produce severe lung damage and is a medical emergency.

CHRONIC – Prolonged or Repeated Overexposure

EYES – Product contact with eyes can cause irritation. Vapor effects may cause eye irritation experienced as tearing, discomfort, redness or pain.

SKIN – Product contact with skin can cause irritation, itching, scaling, reddening and possible blistering.

INHALATION – Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as Solvent or Painters' Syndrome). Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal.

INGESTION – Harmful If Swallowed. Can cause burning in the throat, stomach, abdominal pain and nausea. Ingestion can affect target organs.

Aspiration Hazard - Vomiting can cause serious inflammation and accumulation of fluids in the lungs. (Pneumonitis and Pulmonary Edema) Aspiration into the lungs can produce severe lung damage and is a medical emergency.

Target Organs: No data available for this material

Pre-Existing Medical Conditions: Conditions aggravated by exposure may include skin disorders respiratory (asthma-like) disorders. Exposure to high concentrations of this material may increase the sensitivity of the heart to certain drugs. Persons with pre-existing heart disorders may be more susceptible to this effect.

Notes to Physician: Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to high concentrations of hydrocarbon solvents (e.g., in enclosed spaces or with deliberate abuse). The use of other drugs with less arrhythmogenic potential should be considered. If sympathomimetic drugs are administered, observe for the development of cardiac arrhythmias.

CARCINOGENIC – None

MUTAGENIC EFFECTS – No data available for this material

TERATOGENIC EFFECTS – No data available for this material

SECTION – 4 FIRST AID MEASURES

EYE CONTACT – Immediately flush eyes with cold water for at least 15 minutes while lifting eyelids. Obtain immediate medical attention, preferably from an ophthalmologist.

SKIN CONTACT – Immediately wash contaminated skin with a nonabrasive soap and plenty of water. Be sure to remove any contaminated clothing and wash before reuse. If irritation is present or occurs obtain medical attention.

INHALATION – Remove person to fresh air, if they have a problem breathing obtain immediate medical attention.

INGESTION – Aspiration hazard. If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician or hospital emergency room immediately.

SECTION – 5 FIRE FIGHTING MEASURES

FLASH POINT	n.o.s. (Heptanes)	METHOD	NFPA	FLAMMABILITY CLASSIFICATION
15°F (-9°C)		TAG Closed Cup	Class IB	Flammable Liquid
FLAMMABLE LIMITS	LOWER	UPPER		AUTO-IGNITION TEMPERATURE
	1.2%	6.7%		125°C (419°F)

EXTINGUISHING MEDIA

Use DRY chemicals, CO2, alcohol foam. Water spray to cool or protect exposed materials.

EXPLOSION HAZARDS	Mechanical Impact	Static Discharge
	Not Expected	Expected
	Self-accelerating decomposition materials to avoid:	
	Reactive with: Acids and oxidizers such as chlorine and other halogens, chromates, perchlorates, peroxides and oxygen.	

SPECIAL FIRE FIGHTING PROCEDURES

May explode if ignited in an enclosed area. Flashback along vapor trail may occur.

SPECIAL FIRE FIGHTING PROTECTIVE EQUIPMENT

Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear. (Full Bunker Gear)

HAZARDOUS COMBUSTION PRODUCTS

Burning or thermal decomposition can produce carbon monoxide and/or carbon dioxide and other toxic fumes.

SECTION – 6 ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK – Warn personal to move away and eliminate ignition sources and ventilate area. Contain spill or stop the flow and absorb with an inert material and place in an appropriate waste disposal unit and dispose of in accordance with all State and Federal Guidelines and Regulations.

SECTION – 7 HANDLING AND STORAGE

HANDLING – EXTREMELY FLAMMABLE LIQUID, Keep away from incompatible materials, acids and oxidizers such as chlorine and other halogens, chromates, perchlorates, peroxides and oxygen, heat, sparks, electrical equipment, fire and all ignition sources. Avoid eye and skin contact. Harmful if swallowed or inhaled. Use with adequate ventilation and with appropriate safety equipment. Avoid free fall of liquid. Ground containers when transferring. Empty containers are very hazardous do not flame cut, saw or drill.

STORAGE- Vapors may ignite explosively and spread long distances. Keep container tightly closed when not in use and store in a cool, well-ventilated area away for any ignition sources, oxidizers, acids and caustics. Store below 49°C (120°F) and in accordance with Class 1B Flammable Liquids.

SECTION – 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS COMPONENT	ACGIH TWA8	ACGIH TWA8	OSHA PEL TWA8	OSHA PEL TWA8	ACGIH STEL	ACGIH STEL	Significant Exposure
Heptane	400 ppm		500 ppm		400 ppm		

PERSONAL PROTECTION

EYES - Safety goggles or face shield OTHER – Eye bath and safety shower.

HANDS – Butyl or neoprene gloves

RESPIRATORY – Wear MSHA/NIOSH approved respirator or equivalent.

BODY - Butyl or neoprene apron

FEET- Slip resistant impervious boots.

VENTILATION – Ventilate to keep vapors of this material below 400ppm. If over TLV, in accordance with 29 CFR 1910.134, use NIOSH approved positive-pressure self-contained breathing apparatus.

Use explosion proof equipment. Consulting with a Safety Equipment Supplier is recommended.

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid	pH	Not applicable
APPEARANCE	Clear	SPECIFIC GRAVITY	Not determined
ODOR	Camphor-Like	MOLECULAR WEIGHT	Not determined
SOLUBILITY	< 1%	FREEZE POINT	Not determined
VOLATILES	100%	VAPOR PRESSURE	Not determined
VOC	18% (See Section-16 VOC)	VAPOR DENSITY	Not determined
VISCOSITY	Not Determined	EVAPORATION RATE	Not determined

SECTION – 10 STABILITY AND REACTIVITY

CONDITIONS TO AVOID – Heat sources, sparks, flame or static discharge and incompatible materials.
INCOMPATIBLE MATERIALS – Acids and oxidizers such as chlorine and other halogens, chromates, perchlorates, peroxides and oxygen
THERMAL DECOMPOSITION - Burning or thermal decomposition can produce carbon monoxide and/or carbon dioxide.
HAZARDOUS POLYMERIZATION – Will not occur.

SECTION – 11 TOXICOLOGICAL INFORMATION

TOXICITY

COMPONENT	FORM	SUBJECT	RESULT VALUE	EXPOSURE TIME
Heptane	LC50	INHALED	103 g/m ³	4 HR
	LD50	ORAL	> 5 g/kg	

SECTION – 12 ECOLOGICAL INFORMATION

COMPONENT	SUBJECT	VALUE	TIME
Heptane	No marine environmental information is available on this product.		

ENVIRONMENTAL FATE

This material, as supplied, when discarded or disposed of, is a hazardous waste according to Federal Regulations (40 CFR 261) due to its ignitability and due to the composition contained in some components. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste. The transportation, storage, treatment and disposal of RCRA waster material must be conducted in compliance with 40 CFR 262, 263, 264 and 270. Disposal can only occur in property permitted facilities, Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate, or otherwise inappropriate.

SECTION – 13 DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER.
 Dispose of any waste in accordance with all State and Federal Guidelines and Regulations.

SECTION – 14 TRANSPORT INFORMATION

D.O.T. CLASSIFICATION	NON-BULK SHIPMENTS	BULK SHIPMENTS
UN NUMBER	UN1263	SAME AS NONE BULK SHIPMENTS
PROPER SHIPPING NAME	PAINT RELATED MATERIALS, n.o.s.	
N.O.S.	(Heptanes)	
HAZARD CLASS	3	
PACKING GROUP	PGII	
LABEL CODES	Flammable liquid	
REPORTABLE QUANTITY		
EMERGENCY RESPONSE NUMBER	128 (Heptanes)	
MARINE POLLUTANT	No component was listed in 49CFR 172.102 Appendix B.	

SECTION – 15 REGULATOR INFORMATION

TSCA	CAS No.	Sec 8(b)	Sec 8(d)	Sec 4(a)	Sec 12(b)
Chemical Name		Inventory	Health & Safety	Chemical Test Rules	Export Notification
Heptane	426260-76-6	Y	Y		

Reportable Quantities	CAS No.	EPCRA TPQ	EPCRA RQ	CERCLA RQ	TRI	RCRA RMP	TQ
Chemical Name		Sec. 302	Sec. 304	Sec. 103	Sec. 313	Code	Sec. 112r
Heptane	426260-76-6						

SARA	CAS No.	Sec 313	Sec 311 & 312 Hazards				
Chemical Name			Acute	Chronic	Flammable	Pressure	Reactive
Heptane	426260-76-6	Y	Y	N	Y	N	N

Right To Know	CAS No.	STATE													
Chemical Name		CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI	
Heptane	426260-76-6														

CALIFORNIA Proposition 65	WARNING! This product contains chemicals known to the state of California to cause:			
CAS No.	Birth Defects	Reproductive Harm	Carcinogen	Developmental
None Known				

Clean Air & Water Acts	CAS No.	CAA	Ozone	Ozone	CWA
Chemical Name		HAP	Class 1	Class 2	HS PP TP
None Known					

INTERNATIONAL REGULATIONS

The components of this product are listed on the chemical inventories of the following countries

Chemical Name	Australia	Canada	Europe (EINECS)	Japan	Korea	UK
None Known						

WHMIS Classification (CANADA)

Chemical Name	DSL CLASS DEFINITION	
Heptane	Yes B2	Flammable liquid with a flash point lower than 37.8°C (100°F)
	Yes D2B	Materials Causing Other Toxic Effects - Toxic Material

DSCL (EEC)	CODE	DEFINITION
Heptane	R11	Highly Flammable
	R20	Harmful by inhalation
	R36/38	Irritating to eyes and skin.
	R37/38	Irritation to respiratory system and skin.
	R65	Harmful: may cause lung damage if swallowed.
	S16	Keep away from sources of ignition. No Smoking.

HCS CLASSIFICATION

Flammable Liquid having a flash point lower than 23°C (73°F) (Heptanes)

SECTION – 16 OTHER INFORMATION

DANGER! Extremely Flammable Liquid and Vapor, Can Cause Flash Fire. Irritating to Eyes, Skin and Respiratory Tract. ASPIRATION HAZARD, Harmful if Swallowed. Title III Reporting

HAZARD RATING SYSTEM

<u>HMIS</u>	Health	1	<u>NFPA</u>	Health	1
	Fire	3		Fire	3
	Reactivity	0		Reactivity	0
	Specific			Protection	

VOC - Volatile Organic Compound

This product meets the 20% by weight V.O.C. requirement for a “General Purpose Adhesive Remover” as set forth in the Regulation for Reducing Volatile Organic Compound Emissions from Consumer Products Subchapter 8.5 Consumer Products effective December 31, 2006.

<u>Source Information</u>	<u>Chemical</u>	<u>Cas No.</u>	<u>Revision Date</u>
Conoco Phillips	Heptanes	426260-76-6	3/24/06

Disclaimer

The information herein has been compiled from sources believed to be reliable and up-to-date, and is accurate to the best of our knowledge. However, Buckley Oil Company and nCites, L.L.C. cannot give any guarantees regarding information from other sources or completeness and expressly does not make warranties, nor assumes any liability for its use.