

MATERIAL SAFETY DATA SHEET						
SECTION 1 - PRODUCT SOURCE AND IDENTITY						
Supplier identity and address		Product description:			Date: April 9, 2010	
Aldran Chemical, Inc. 1313 No. Carolan Ave. Burlingame, CA 94010		Name: Brake Cleaner A Purpose: No residue solvent cleaner Proprietary Formula Code: ACI Brake Cleaner A				
Emergency phone: 800-255-3924		Product information: 800-969-3378				
SECTION 2 - SHIPPING CLASSIFICATION						
Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number UN 1993, Flammable liquids, n.o.s., 3, PG II, (Acetone, Aliphatic petroleum naphtha) ERG 128						
Labels required per 49 CFR 172.101:		Flammable				
DOT labeling required for packages larger than:		1 quart, in 66# max. package (49CFR173.150-154)				
Reportable Quantity ("RQ") per 49 CFR172.101:		Not possible in 1 non bulk container.				
SECTION 3- SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION						
Reporting required by Title III Sec 313, 40CFR 372, 29CFR 1910.1200				Exposure Limit Values ppm		
CAS#	313	Material or Component	%	RQ#	OSHA PEL	ACGIH TLV
67-64-1	No	Acetone, BEI*	40-50	5000#	1000	500/ 750 STEL
64742-89-8	No	Naphtha	10-15	None	500	300
616-38-6	No	Dimethyl carbonate*	40-50	None	Not established	
BEI = a Biological Exposure Limit exists for this material. *Exempt from VOC calculation.						
No component is listed in "Threshold Limit Values and Biological Exposure Indices for 2010" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.						
Note: The purpose of this MSDS is to provide safe handling, shipping and disposal information for users of the product. It is not intended to, nor does it, provide complete or extensive toxicological data on the product or its components. Users who require this information are referred to primary suppliers of the ingredients of interest.						
Emergency overview: Keep out of eyes. Avoid skin contact for extended periods of time. Flammable. Contains acetone and other solvents which can irritate or damage eyes if not removed promptly.						
Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8,	
Immediate	Yes	Yes	No	No	OSHA 29 CFR 1910.1200 and	
Delayed	Yes	XXX	XXX	XXX	SARA 302/311/312/313.	
HMIS Hazard ratings: Health 1 Fire 3 Instability 0 Other B (Glasses, gloves)						
NFPA 704 Hazard Ratings: Health 1 Flammability 3 Reactivity 0 Special NA						
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4						
Threshold limit value: Not established on product.						
TOSCA Status: All ingredients listed			CERCLA RQ: See Sec 2.			
California Prop. 65: Benzene, Toluene						
Ingredients on cancer lists: None						
SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES						
Appearance:	Clear liquid			Flash point deg. F (TCC):	-4°F	
Odor:	Characteristic			Initial boiling point deg. C:	ND	
Specific gravity:	0.833, 7.35#/gal @20°C			Vapor pressure 20 deg C:	ND	
pH reaction:	Not applicable			Freezing point deg. C:	ND	
% phosphorous:	None			Solubility in water: Approx. 90%		
VOC Content:	200 g/l approx.			ND= Not Determined		

SECTION 5 - SAFE HANDLING AND STORAGE

General	Flammable. Keep sparks and flame away. Keep out of eyes and off of skin. Do not smoke in the vicinity of vapors. Keep containers closed when not in use. Wipe up spills immediately as they may be flammable and slippery. Wash skin after contact.
Protective equipment	

Eyes	Safety glasses or goggles should be worn if there is possibility of eye contact.	
Skin	Impermeable gloves such as rubber, PVC or neoprene are recommended.	
Respiratory protection	None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines.	
Ventilation	A well ventilated work environment is recommended.	
Other	Ground equipment during transfer to avoid sparking and possible ignition.	
SECTION 6- HEALTH SAFETY DATA		
Effects of acute or chronic over exposure		
Eyes	Severely irritating to eyes. May cause damage if not flushed out promptly.	
Skin	Can cause irritation from repeated exposure.	
Inhalation	Mists may be irritating to breathing passages.	
Ingestion	Not a likely source of chronic exposure. Methanol can cause blindness.	
SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA		
Explosive limits for Acetone		Flash point: See Sec 4
Upper 36.0%	Lower 1%	Conditions to avoid: All sources of ignition.
Chemical stability	Stable	Hazardous decomposition products: oxides of carbon if burned.
Hazardous polymerization	Cannot occur	
Incompatibility:	No dangerous chemical reactions anticipated.	
SECTION 8- EMERGENCY RESPONSE PROCEDURES		
Fire	Extinguishing media	CO2, alcohol foam. Water mist will cool drums but spread liquid.
	Special procedures	Fire fighters wear fully self contained breathing apparatus.
	Unusual hazards	Just extremely low flash point.
First Aid	Eyes	Immediately flush with water for at least 15 min. Seek medical attention.
	Skin	Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.
	Inhalation	If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.
	Ingestion	Dilute by giving large amounts of milk or water. Get medical attention immediately. Do not induce vomiting.
Spills	Small / large spill	Comply with all federal, state and local regulations on reporting spills. Keep out of waterways and storm sewers.
Product as made has the characteristic of ignitability, like " Unlisted Hazardous Waste D001", RQ 100#.		
Information presented herein has been compiled from sources considered to be accurate and reliable, but is not guaranteed to be so. Since conditions of use are beyond our control we make no warranties, expressed or implied.		
MSDS prepared by: R.N. Miller 1-800-342-3577		