

MATERIAL SAFETY DATA SHEET		ADDRESS: CHEM AND LUBE 1901 S. 12 TH ST ALLENTOWN, PA 18103		
PRODUCT IDENTIFICATION	Product Name ECONO SAFE	Code No.		
	Chemical Name Lubricating Grease	Emergency Phone Number (s) Business: (610) 798-9222 Facsimile: (610) 798-9233		
	Synonyms #2 Food Machinery Grease	Date: December 14, 2004		
		Chemical Family Hydrocarbon		
INGREDIENTS	MATERIALS OR COMPONENTS	% W	CAS NUMBER	CARCINOGEN OSHA OR IARC
SHIP. INFO.	Non-Restricted			
PHYSICAL PROPERTIES	Boiling Point / Range °C >700 °F	Melting Point N/A °C °F	Freezing Point N/A °C °F	Molecular Weight (Calculated) N/A
	Specific Gravity (H2O=1) .89 @ / 16 °C	Vapor Pressure (mm Hg) N/A °C °F	Vapor Density (Air=1) N/A	
	Solubility in H2O NIL	% Volatiles By Volume 0	Evaporation Rate N/A <input type="checkbox"/> Ether=1 <input type="checkbox"/> Water=1 <input type="checkbox"/> Butylacetate=1	
	Appearance and Odor White Semi-Solid Bland		Other	
FIRE AND EXPLOSION DATA	Flash Point °C 490 °F	Test Method D-92	Flammable Limits Lower % Upper %	Autoignition Temperature/Fire Point °C 540 °F
	EXTINGUISHING MEDIA <input type="checkbox"/> Water-Spray <input checked="" type="checkbox"/> Water-Fog <input type="checkbox"/> Water-Stream <input checked="" type="checkbox"/> CO2 <input checked="" type="checkbox"/> Dry Chemical <input type="checkbox"/> Alcohol Foam <input checked="" type="checkbox"/> Foam <input checked="" type="checkbox"/> Earth or Sand			
	SPECIAL FIRE FIGHTING PROCEDURES <input type="checkbox"/> Do Not Enter Building <input type="checkbox"/> Allow Fire To Burn <input checked="" type="checkbox"/> Water May Cause Frothing <input type="checkbox"/> Do Not Use Water			
	UNUSUAL FIRE AND EXPLOSION HAZARDS <input type="checkbox"/> Dust Explosion Hazard <input type="checkbox"/> Sensitive To Shock <input type="checkbox"/> Contamination <input type="checkbox"/> Temperature <input type="checkbox"/> Other (Specify): None			
REACTIVITY DATA	STABILITY <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable		CONDITIONS CONTRIBUTING TO INSTABILITY <input type="checkbox"/> Thermal Decomposition <input type="checkbox"/> Photo Degradation <input type="checkbox"/> Polymerization <input type="checkbox"/> Contamination	
	INCOMPATIBILITY – AVOID CONTACT WITH <input type="checkbox"/> Strong Acids <input type="checkbox"/> Strong Alkalis <input checked="" type="checkbox"/> Strong Oxidizers <input type="checkbox"/> Other (Specify):			
	HAZARDOUS DECOMPOSITION PRODUCTS – THERMAL AND OTHER (LIST) Oxides of Carbon Nitrogen and Sulfur if burned			
	CONDITIONS TO AVOID <input type="checkbox"/> Heat <input checked="" type="checkbox"/> Open Flames <input type="checkbox"/> Sparks <input type="checkbox"/> Ignition Sources <input type="checkbox"/> Other (Specify):			
SPILL OR LEAK	STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED <input type="checkbox"/> Flush With Water <input checked="" type="checkbox"/> Absorb With Sand Or Inert Material <input type="checkbox"/> Neutralize <input checked="" type="checkbox"/> Sweep Or Scoop Up And Remove <input type="checkbox"/> Keep Upwind. Evacuate Enclosed Spaces <input type="checkbox"/> Prevent Spread Of Spill <input type="checkbox"/> Dispose of Immediately <input type="checkbox"/> Other (Specify):			
	WASTE DISPOSAL METHOD – CONSULT FEDERAL, STATE, OR LOCAL AUTHORITIES FOR PROPER DISPOSAL PROCEDURES Incinerate			

Before using product, read and follow directions and precautions on product label and bulletins.

TOXICITY	CONDITIONS TO AVOID Excessive skin contact		
	PRIMARY ROUTES OF ENTRY <input type="checkbox"/> INHALATION <input checked="" type="checkbox"/> SKIN CONTACT <input type="checkbox"/> OTHER (SPECIFY):		
Products of this type have been used for years with no known ill effects. This product contains no carcinogens or mutagens as defined by OSHA or IARC. All components are listed on the TSCA Inventory, and Canadian DSL Chemical Inventory. This Product contains no controlled substance under WHMIS.			
SARA Title III, Section 313, Reportable Quantities:		WHMIS Ingredient Disclosure, Reportable Quantities:	
Compound	CAS#	% Wt.	Compound
Zinc Oxide	1314-13-2	5.0	Zinc Oxide
Zinc Sulfide	1314-98-3	1.0	
PERMISSIBLE EXPOSURE LIMIT (SPECIFY IF TLV/TWA OR CEILING ©)		OTHER:	
ACGIH 20 _____		OSHA 2004 None Established	
IRRITATION			
<input checked="" type="checkbox"/> SKIN	<input type="checkbox"/> SEVERE	<input type="checkbox"/> MODERATE	<input checked="" type="checkbox"/> MILD (TRANSIENT)
<input checked="" type="checkbox"/> EYE	<input type="checkbox"/> SEVERE	<input type="checkbox"/> MODERATE	<input checked="" type="checkbox"/> MILD (TRANSIENT)
CORROSIVITY			
<input type="checkbox"/> SKIN	<input type="checkbox"/> 4 HRS. (DOT)	<input type="checkbox"/> 24 HRS. (CPSC)	
<input type="checkbox"/> EYE	<input type="checkbox"/> MAY CAUSE BLINDNESS	<input checked="" type="checkbox"/> NOT CORROSIVE	
SENSITIZATION		INHALATION EFFECTS	
<input type="checkbox"/> SKIN	<input type="checkbox"/> RESPIRATORY	<input checked="" type="checkbox"/> NONE	<input type="checkbox"/> NARCOTIC EFFECT N/A <input type="checkbox"/> CYANOSIS <input type="checkbox"/> ASPHYXIANT
LUNG EFFECTS (SPECIFY)			
N/A			
OTHER (SPECIFY)			
<input type="checkbox"/> REPEATED CONTACT-SKIN DEFATTER		<input type="checkbox"/> OTHER (SPECIFY): None	
INGESTION			
<input type="checkbox"/> INDUCE VOMITING		<input checked="" type="checkbox"/> DO NOT INDUCE VOMITING	<input type="checkbox"/> GIVE PLENTY OF WATER <input checked="" type="checkbox"/> GET MEDICAL ATTENTION <input type="checkbox"/> OTHER (SPECIFY):
DERMAL			
<input checked="" type="checkbox"/> FLUSH WITH SOAP AND WATER		<input type="checkbox"/> GET MEDICAL ATTENTION	<input checked="" type="checkbox"/> CONTAMINATED CLOTHING – REMOVE AND LAUNDRER
<input type="checkbox"/> CONTAMINATED SHOES – DESTROY		<input type="checkbox"/> OTHER (SPECIFY):	
EYE CONTACT			
<input checked="" type="checkbox"/> FLUSH WITH PENTY OF WATER FOR AT LEAST 15 MIN.		<input checked="" type="checkbox"/> GET MEDICAL ATTENTION	<input type="checkbox"/> OTHER (SPECIFY):
INHALATION			
<input type="checkbox"/> REMOVE TO FRESH AIR		<input type="checkbox"/> IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION	<input type="checkbox"/> GIVE OXYGEN <input type="checkbox"/> GET MEDICAL ATTENTION
<input type="checkbox"/> OTHER (SPECIFY): N/A			
VENTILATION REQUIREMENTS – <i>Always maintain exposure below permissible exposure limits</i>			
<input type="checkbox"/> CONSULT AN INDUSTRIAL HYGIENIST OR ENVIRONMENTAL HEALTH SPECIALIST		<input type="checkbox"/> LOCAL EXHAUST	
<input checked="" type="checkbox"/> USE WITH ADEQUATE VENTILATION		<input type="checkbox"/> CHECK FOR AIR CONTAMINANT AND OXYGEN DEFICIENCY <input type="checkbox"/> OTHER (SPECIFY):	
EYE			
<input checked="" type="checkbox"/> FACE SHIELD		HAND (GLOVE TYPE) <input type="checkbox"/> BUTYL RUBBER <input checked="" type="checkbox"/> POLYVINYL ALCOHOL <input type="checkbox"/> OTHER (SPECIFY):	
<input type="checkbox"/> SAFETY GLASSES <input type="checkbox"/> GOGGLES		<input type="checkbox"/> POLYVINYL CHLORIDE <input checked="" type="checkbox"/> NEOPRENE <input type="checkbox"/> NATURAL RUBBER <input checked="" type="checkbox"/> POLY-ETHYLENE	
RESPIRATOR TYPE – <i>Use only NIOSH / MESA approved equipment</i>			
<input type="checkbox"/> SELF-CONTAINED <input type="checkbox"/> SUPPLIED AIR		<input type="checkbox"/> CAN OR CARTRIDGE GAS OR VAPOR <input type="checkbox"/> FILTER-DUST, FUME, MIST	
<input type="checkbox"/> OTHER (SPECIFY): N/A			
OTHER PROTECTIVE EQUIPMENT			
<input type="checkbox"/> RUBBER BOOTS		<input type="checkbox"/> APRON <input type="checkbox"/> OTHER (SPECIFY): N/A	
PRECAUTIONARY NOTES			
<input checked="" type="checkbox"/> WASH THOROUGHLY AFTER HANDLING		<input checked="" type="checkbox"/> DO NOT GET IN EYES OR ON CLOTHING	<input type="checkbox"/> DO NOT BREATH DUST, VAPOR, MIST, GAS <input type="checkbox"/> KEEP CONTAINER CLOSED <input checked="" type="checkbox"/> KEEP AWAY FROM SPARKS, AND OPEN FLAMES <input type="checkbox"/> STORE IN TIGHTLY CLOSED CONTAINER
<input type="checkbox"/> DO NOT STORE NEAR COMBUSTIBLES		<input type="checkbox"/> KEEP FROM CONTACT WITH CLOTHING AND OTHER COMBUSTIBLE MATERIALS	<input type="checkbox"/> EMPTY CONTAINER MAY CONTAIN HAZARDOUS RESIDUE <input type="checkbox"/> USE EXPLOSION PROOF EQUIPMENT <input type="checkbox"/> OTHER (SPECIFY):
OTHER HANDLING AND STORAGE CONDITIONS None			
PREPARED BY	DATE	ADDRESS	PHONE
	12/14/04	1901 S.12 TH ST, ALLENTOWN, PA 18103	610-798-9222
PLEASE NOTE	"The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, CHEM AND LUBE MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should satisfy himself that he has all current data relevant to his particular use."		