

Material Safety Data Sheet

Innovation and Experience at Work

IsoTech B4004

1.	Substance, Preparation, and Company Description				
	Material Uses	Lubricant, Grease, Industrial applications			
		Engineered Custom Lubricants (ECL)			
	Manufacturer	3851 Exchange Ave.			
		Aurora, IL 60504			
		630-449-5000			
	Product Code	IsoTech B4004			
	Validation Date	August 29, 2014			
	In case of emergency contact	1-630-449-5000			
2.	Hazards Identification				
L ,		Emergency Overview			
	Physical State	Liquid, lubricant			
	Color	Colorless			
	Odor	Mild petroleum odor			
	Hazard Statements	NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED.			
	OSHA/HCS Status	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.			
	Routes of Entry	Dermal contact. Eye contact. Ingestion			
		tential acute health effects			
	Inhalation	No known significant effects or critical hazards.			
	Ingestion	No known significant effects or critical hazards.			
	Skin	No known significant effects or critical hazards.			
	Eyes	No known significant effects or critical hazards.			
	Potential chronic health effects				
	Chronic effects	No known significant effects or critical hazards.			
	Carcinogenicity	No known significant effects or critical hazards.			
	Mutagenicity	No known significant effects or critical hazards.			
	Teratogenicity	No known significant effects or critical hazards.			
	Fertility effects	No known significant effects or critical hazards.			
	Developmental effects	No known significant effects or critical hazards.			
	Ove	r-exposure signs/symptoms			

	Inhalation	No	specific data				
			specific data				
	Ingestion Skin		specific data				
			specific data				
	Eyes						
	Medical conditions aggravated by over-	INO	None known				
	exposure						
3.	Composition/Component Data						
Ο,							
	Name		CAS Number	EINECS Number	%		
					,,,		
	No Haz	ardou	s or Reportable Ingredi	ents			
4.	First Aid Measures						
				ny contact lenses. Imme			
	Eye Contact			t least 15 minutes, occa			
				Get medical attention if s			
				diately flush skin with ple			
	Skin Contact			moving contaminated cl			
				euse. Get medical atter	ntion if symptoms		
		occur. Move exposed person to fresh air. If not breathing, if breathing i irregular or if respiratory arrest occurs, provide artificial respiratio or oxygen by trained personnel. Loosen tight clothing such as					
	Inhalation						
	Innalation	collar, tie, belt, or waistband. Get medical attention if symptoms					
		occur.					
		Wash out mouth with water. Do not induce vomiting unless directed					
	Ingestion	to do so my medical personnel. Never give anything by mouth to an					
				medical attention if symp			
	Protostion for first siders			n involving any person			
	Protection for first-aiders	sui	table training.	0 7 1			
		No	specific treatment.	Treat symptomatically.	Contact poison		
	Note to Physician	trea	atment specialist imn	nediately if large quar	ntities have been		
		ing	ested or inhaled.				
-	Finalish ting Magazine a						
5.	Firefighting Measures Suitable Extinguishing Media	Dry	Chemical, CO _{2,} Foam	or Water Fog			
					s from the vicinity		
	Special Exposure Hazards	 Promptly isolate the scene by removing all persons from the vicini of the incident if there is a fire. No action shall be taken involvin any personal risk or without suitable training. Burning may produce carbon monoxide, carbon dioxide formaldehyde, as well as small amounts of other toxic fumes. Fire-fighters should wear protective equipment and self-containe breathing apparatus (SCBA) with a full face-piece operated 					
	Hazardous thermal decomposition				carbon dioxide		
	products						
	•						
	Special protective equipment for						
	firefighters	positive pressure mode.					
6.	Accidental Release Measures			· · · ·			
				n involving any person			
	Demonstration (in the	suitable training. Evacuate surrounding areas. Keep unnecessary					
	Personal Precautions and unprotected personnel from entering. Do not touc						
through spilled material. Put on appropriat					personal protection		
		equ	uipment (see Section 8).			

	Environmental Preca	utions	waterways, o product has	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, and severation)		
	Methods for Clean up		 soil, or air). Small spill: Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Large spill: Move containers from spill area. Prevent entry into sewers, water courses, basements, or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: See section 1 for emergency contact information and section 13 for waste disposal. 			
7.	Handling and Stor	rage				
	Handling		Eating, drink this materia wash hand	Put on appropriate personal protection equipment (see section 8). Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before		
	Storage		Store in accordance with local regulations. Store in or container protected from direct sunlight in a dry, cool, and ventilated area, away from incompatible materials (see sectio and food and drink. Keep container tightly closed and sealed ready for use. Containers that have been opened must be car resealed and kept upright to prevent leakage. Do not sto unlabeled containers. Use appropriate containment to environmental contamination.			a dry, cool, and well- aterials (see section 10) closed and sealed until bened must be carefully kage. Do not store in
8.	Exposure Limits a	and Personal Prote	 ctive Equir	mont		
0.			United St			
			upational Exp	osure Li	mits Exposure Lim	140
		Ingredient				11.5
			Canada upational Exposure Limits			
		Occi				
	Ingredient	List Name	TWA (8 Ho	ours)	STEL (15 mins)	Ceiling
		Mexico			 	
	Ingredient		upational Exposure Limits Exposure Limits		nits	
	Recommended Monit	workplace, a determine t measures equipment.	atmosphe he effec and/or t	ere, or biological monito tiveness of the venti he necessity to use	posure limits, personal, oring may be required to lation or other control respiratory protective	
	Engineering Measure	should be	sufficien		ood general ventilation exposure to airborne redients with exposure	

Hygiene Measures products, before eating, smoking or using the lavatory and at it of the working period. Appropriate techniques should be use to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safe showers are close to the workstation location. Personal Protection Use properly fitted, air-purifying or air fed respirator complying will an approved standard if a risk assessment indicates this necessary. Respirator selection must be based on known anticipated exposure levels, the hazards of the product and the sa working limits of the selecct expirator. Hands Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handing chemic products at risk assessment indicates this is necessary. Computed will an approved strandard should be worn at all times when handing chemic products at risk assessment indicates this is necessary. To avoid exposures to iquid splashes, mixts, or dusts. Skin Safety eyewar complying with an approved strandard should be approved by a specialist before handling their product. Environmental Exposure Controls Emissions from venilation or work process equipment should be checked to ensure they comply with the requirements environmental protection equipment will be necessary to reduce emissions to acceptate levels. 9. Physical and Chemical Properties Physical State Liquid tubricant Flash Point Not Available Auto-ignition Temperature Not Available Odor Mid petroleum odor <			
Use properly fitted, air purifying or air fed respirator complying with an approved standard if a risk assessment indicates this in ecessary. Respirator selection must be based on known anticipated exposure levels, the hazards of the product and the sa working limits of the selected respirator. Hands Chemical-resistant, impervious gloves complying with an approve standard should be worn at all times when handling chemic products if a risk assessment indicates this is necessary. Safety eyeware complying with an approve standard should be worn at all times when handling chemic products if a risk assessment indicates this is necessary. Safety eyeware complying with an approve dy aspectation equipment for the body should be select based on the task being performed and the risks involved at should be approved by a specialist before handling this product. Environmental Exposure Controls Emissions from ventilation or work process equipment should 1 based on the task being performed and the requirements environmental protection equipment should be exposure should be exposure should be exposure standard should be exposure equipment will be necessary to reduce emissions to acceptable. 9. Physical and Chemical Properties Physical State Physical State Liquid, lubricant Flash Point Auto-ignition Temperature Not Available Color Color Colores Color Odor Mild petroleum odor PH Physical State Not Available Not Available Color Coloriess </th <th></th> <th></th> <th></th>			
Respiratory an approved standard if a risk assessment indicates this is based on known anticipated exposure levels, the hazards of the product and the sa working limits of the selected respirator. Hands Chemical-resistant, impervious gloves complying with an approve standard should be worn at all times when handling chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical resistant, impervious gloves complying with an approved standard should be approved by aspensin indicates this is necessary to ave exposures to liquid splashes, mists, or dusts. Eyes Safety eyewar complying with an approved standard should be approved by a specialist before handling this product. Skin Personal protection equipment for the body should be select based on the task being performed and the risks involved at should be approved by a specialist before handling this product. Environmental Exposure Controls Emissions from ventilation or work process equipment with the requirements or equipment will be necessary to reduce emissions to acceptat levels. 9. Physical and Chemical Properties Physical State Liquid, lubricant Flamable Limits Not Available Color Colorless Odor Mid petroleum odor PH Not Available Vapor Pressure Not Available <th></th> <th>F</th> <th>Personal Protection</th>		F	Personal Protection
Hands standard should be worn at all times when handling chemic products if a risk assessment indicates this is necessary. Safety eyewear complying with an approved standard should t used when a risk assessment indicates this is necessary to avo exposures to liquid splashes, mists, or dusts. Fyres Safety eyewear complying with an approved standard should to used when a risk assessment indicates this is necessary to avo exposures to liquid splashes, mists, or dusts. Functional protection equipment for the body should be select based on the task being performed and the risks involved at should be approved by a specialist before handling this product. Environmental Exposure Controls Emissions from ventilation or work process equipment should to checked to ensure they comply with the requirements environmental protection legislation. In some cases, fun scrubbers, filters or engineering modifications to the proce- equipment will be necessary to reduce emissions to acceptab levels. 9. Physical and Chemical Properties Physical State Liquid, lubricant Flash Point Not Available Auto-ignition Temperature Not Available Flammable Limits Not Available Color Colorless Odor Mid petroleum odor pH Not Available Vapor Pressure Not Available Vapor Pressure Not Available Vapor Pressure		Respiratory	
Eyes used when a risk asseisment indicates this is necessary to ave exposures to liquid splashes, mists, or dusts. Skin Personal protection equipment for the body should be select based on the task being performed and the risks involved at should be approved by a specialist before handling this product. Environmental Exposure Controls Emissions from ventilation or work process equipment should the checked to ensure they comply with the requirements environmental protection legislation. In some cases, fun scrubbers, filters or engineering modifications to the proces equipment will be necessary to reduce emissions to acceptab levels. 9. Physical and Chemical Properties Physical State Liquid, lubricant Flash Point Not Available Auto-ignition Temperature Not Available Flammable Limits Not Available Color Colorless Odor Mild pertoleum odor pH Not Available Metrogram Not Available Vapor Pressure Not Available Vapor Density Not Available Vapor Densit		Hands	standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Skin Personal protection equipment for the body should be select based on the task being performed and the risks involved at should be approved by a specialist before handling this product. Environmental Exposure Controls Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements environmental protection legislation. In some cases, fun scrubbers, filters or engineering modifications to the proce- equipment will be necessary to reduce emissions to acceptab levels. 9. Physical and Chemical Properties Physical State Liquid, lubricant Flash Point Not Available Auto-ignition Temperature Not Available Color Colorless Odor Mild petroleum odor pH Not Available Boiling/condensation Point Not Available Metting/freezing Point Not Available Vapor Pressure Not Available Vapor Density 0.8 g/cm ³ Vapor Density Not Available Vapor Density Not Available <t< th=""><th></th><th>Eyes</th><th></th></t<>		Eyes	
Environmental Exposure Controls Emissions from ventilation or work process equipment should to checked to ensure they comply with the requirements environmental protection legislation. In some cases, fund scrubbers, filters or engineering modifications to the procese equipment will be necessary to reduce emissions to acceptable levels. 9. Physical and Chemical Properties Physical State Liquid, lubricant Flash Point Not Available Auto-ignition Temperature Not Available Color Colorless Odor Mild petroleum odor pH Not Available Boiling/condensation Point Not Available Density 0.8 g/cm ³ Vapor Pressure Not Available Vapor Pressure Not Available Vapor Pressure Not Available Vapor Pressure Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Not Available Color Colores Odder Not Available Paperature Not Available		Skin	Personal protection equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Physical State Liquid, lubricant Flash Point Not Available Auto-ignition Temperature Not Available Flammable Limits Not Available Color Colorless Odor Mild petroleum odor pH Not Available Boiling/condensation Point Not Available Melting/freezing Point Not Available Density 0.8 g/cm³ Vapor Pressure Not Available Vapor Pressure Not Available Vapor Density Not Available Viscosity Not Available Viscosity Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available Viscosity Not Available Dispensability and reactivity The product is stable Conditions to avoid No specific data Incompatible Materials No specific data		Environmental Exposure Controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements or environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable
Physical State Liquid, lubricant Flash Point Not Available Auto-ignition Temperature Not Available Flammable Limits Not Available Color Colorless Odor Mild petroleum odor pH Not Available Boiling/condensation Point Not Available Melting/freezing Point Not Available Density 0.8 g/cm ³ Vapor Pressure Not Available Vapor Density Not Available Vapor Density Not Available Viscosity Not Available Viscosity Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available Viscosity Under normal conditions of storage and use, hazardou Under normal conditions of storage and use, hazardou No specific data	9.	Physical and Chemical Properties	
Flash Point Not Available Auto-ignition Temperature Not Available Auto-ignition Temperature Not Available Flammable Limits Not Available Color Colorless Odor Mild petroleum odor pH Not Available Boiling/condensation Point Not Available Melting/freezing Point Not Available Density 0.8 g/cm³ Vapor Pressure Not Available Vapor Density Not Available Vapor Density Not Available Vapor Density Not Available Volatility Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available The product is stable Conditions to avoid Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardous			
Auto-ignition Temperature Not Available Flammable Limits Not Available Color Colorless Odor Mild petroleum odor pH Not Available Boiling/condensation Point Not Available Melting/freezing Point Not Available Density 0.8 g/cm³ Vapor Pressure Not Available Vapor Density Not Available Volatility Not Available Viscosity Not Available Viscosity Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available Incompatible Materials No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardous			
Flammable Limits Not Available Color Colorless Odor Mild petroleum odor pH Not Available Boiling/condensation Point Not Available Melting/freezing Point Not Available Density 0.8 g/cm³ Vapor Pressure Not Available Vapor Density Not Available Viscosity Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available Incompatible Materials No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardou			
Color Colorless Odor Mild petroleum odor pH Not Available Boiling/condensation Point Not Available Melting/freezing Point Not Available Density 0.8 g/cm³ Vapor Pressure Not Available Vapor Density Not Available Vapor Density Not Available Vapor Density Not Available Volatility Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available Incompatible Materials No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardou			
Odor Mild petroleum odor pH Not Available Boiling/condensation Point Not Available Melting/freezing Point Not Available Density 0.8 g/cm³ Vapor Pressure Not Available Vapor Density Not Available Vapor Density Not Available Vapor Density Not Available Volatility Not Available Viscosity Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available 10. Stability and reactivity Chemical Stability The product is stable Conditions to avoid No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardou			
pH Not Available Boiling/condensation Point Not Available Melting/freezing Point Not Available Density 0.8 g/cm³ Vapor Pressure Not Available Vapor Density Not Available Volatility Not Available Volatility Not Available Volatility Not Available Volatility Not Available Viscosity Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available 10. Stability and reactivity Chemical Stability The product is stable Conditions to avoid No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardous			
Boiling/condensation Point Not Available Melting/freezing Point Not Available Density 0.8 g/cm ³ Vapor Pressure Not Available Vapor Density Not Available Vapor Density Not Available Vapor Density Not Available Vapor Density Not Available Volatility Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available Incompatible Materials No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardous			
Melting/freezing Point Not Available Density 0.8 g/cm ³ Vapor Pressure Not Available Vapor Density Not Available Vapor Density Not Available Volatility Not Available Evaporation Data Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available Incompatible Materials No specific data Incompatible Materials No specific data Under normal conditions of storage and use, hazardous			
Density 0.8 g/cm ³ Vapor Pressure Not Available Vapor Density Not Available Volatility Not Available Evaporation Data Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available Incompatible Materials No specific data Incompatible Materials No specific data Under normal conditions of storage and use, hazardou Nazardous proventions of storage and use, hazardou		0	
Vapor Pressure Not Available Vapor Density Not Available Volatility Not Available Evaporation Data Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available Image: Conditions to avoid The product is stable Conditions to avoid No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardout			
Vapor Density Not Available Volatility Not Available Evaporation Data Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available 10. Stability and reactivity Chemical Stability The product is stable Conditions to avoid No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardous			
Volatility Not Available Evaporation Data Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available 10. Stability and reactivity Chemical Stability The product is stable Conditions to avoid No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardous			
Evaporation Data Not Available Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available 10. Stability and reactivity Chemical Stability The product is stable Conditions to avoid No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardous			
Viscosity Not Available Dispensability Properties Not Available Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available 10. Stability and reactivity Chemical Stability The product is stable Conditions to avoid No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardous			Not Available
Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available 10. Stability and reactivity Chemical Stability The product is stable Conditions to avoid No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardous			Not Available
Solubility Insoluble in the following materials: hot and cold water Physical/chemical Properties Comments Not Available 10. Stability and reactivity Chemical Stability The product is stable Conditions to avoid No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardous			Not Available
Physical/chemical Properties Comments Not Available 10. Stability and reactivity Chemical Stability The product is stable Conditions to avoid No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardous		Solubility	
Chemical Stability The product is stable Conditions to avoid No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardous		Physical/chemical Properties Comments	Not Available
Chemical Stability The product is stable Conditions to avoid No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardous	10.	Stability and reactivity	
Conditions to avoid No specific data Incompatible Materials No specific data Hazardous Decomposition Products Under normal conditions of storage and use, hazardous			The product is stable
Hazardous Decomposition Broducts Under normal conditions of storage and use, hazardou			
Hazardous Decomposition Broducts Under normal conditions of storage and use, hazardou			
decomposition product should not be produced.		•	Under normal conditions of storage and use, hazardous decomposition product should not be produced.
Possibility of Hazardous Reactions Under normal conditions of storage and use, hazardous reaction will not occur.		Possibility of Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions will not occur.

11.	Toxicological Data							
	Acute Toxicity: None known							
	Product/Ingredient Name	Result	ed States Species	Dose	Exposure			
	Product/Ingredient Name	C Result	Canada Species	Dose	Exposure			
			/lexico					
	Product/Ingredient Name	Result	Species	Dose	Exposure			
	Chronic Toxicity		ted or prolonged expo tory tract irritation.	osure to spray or	mist may produc			
			No known significant ef	fects or critical haza	ards.			
	Irritation/Corrosion	Eyes:	No known significant ef	fects or critical haz	ards.			
			atory: Repeated or pro		o spray or mist ma			
		produc Skin:	e respiratory tract irrita No specific informat	tion. on is available r	egarding the ski			
	Sensitizer	sensitiz human	zing properties of this p	product. Sensitizatio	on not expected for			
			atory: Sensitization no	t expected for hum	ans			
	Carcinogenicity	There	is no data on the p cted for humans.	reparation itself.	Carcinogenicity no			
	Mutagenicity	There	is no data on the	preparation itself.	self. Mutagenicity no			
	Teratogenicity	There	cted for humans. is no data on the	preparation itself.	Teratogenicity no			
	Reproductive Toxicity	There	cted for humans. is no data on the pre	eparation itself. No	Not considered to b			
	dangerous to humans.							
12.	V							
	Ecotoxicity		ed States					
	Aquatic Ecotoxicity			the preparation itse	lf			
	Persistence/Degradability	There is no data available on the preparation itself This product has not been tested for biodegradation. Not biodegradable. This product is not expected to bioac through food chains in the environment. Canada						
	Aquatic Ecotoxicity	There						
	Persistence/Degradability	tence/Degradability This product has not been tested for biodegradation. Not biodegradable. This product is not expected to bioac through food chains in the environment. Mexico						
	Aquatic Ecotoxicity		is no data available on					
	Persistence/Degradability	biodeg	This product has not been tested for biodegradation. Not readil biodegradable. This product is not expected to bioacculumat through food chains in the environment.					

13.	Disposal Considerations					
Waste Disposal The generation of waste should be avoided or mini possible. Significant quantities of waste product resibe disposed of via the foul sewer but processe effluent treatment plant. Dispose of surplus and products via a licensed waste disposal contractor. product, solutions, and any by-products should at a with the requirement of environmental protect disposal legislation and any regional or local authori Waste packaging should be recycled. Incineration only be considered when recycling is not feasible. T it's container must be disposed of in a safe way. E or liners may contain some product residues. Av spilled material and run-off and contact with soil, wa and sewers.						
	Disposal should be in accordance with applicable regional, national, and local laws and regulations					
	Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE LIMITS AND PERSONAL PROTECTIVE EQUIPMENT for additional handling information and protection of employees.					
14.	Transportation Information					
17.						

Regulatory Information	UN Number	Proper Shipping Name	Classes	Packing Group	Label	Additional Information
DOT Classification	Not					
	Regulated					
TDG Classification	Not					
	Regulated					
Mexico Classification	Not					
	Regulated					
ADR/RID Class	Not					
	Regulated					
IMDG Class	Not					
	Regulated					
IATA-DGR Class	Not					
	Regulated					

15. Regulatory Information

	United States
HSC Classification	Not Regulated
TSCA 8(a) IUR Exempt/Partial Exemption	Not Determined
United States Inventory (TSCA 8b)	All components are listed or exempt
Clean Air Act Section 112(b) – Hazardous Air Pollutants (HAP'S)	Not listed

SARA 313: No listed substances

	Product Name	CAS Number	Concentration %
Form R Reporting			
Requirements			
Supplier Notification			

	Canada				
	WHMIS (Canada)	Not controlled under WHMIS	(Canada)		
	Canadian NPRI	None of the components are	listed		
	CEPA Toxic Substances	None of the components are	listed		
	Canada Inventory	All components are listed or exempted			
		Mexico			
	Classification	Health: 1 Flammability: 1 Reactivity: 0			
16.	Other Information				
	Labeling Requirements	NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED			
	Hazardous Material Information System (USA)	HEALTH1HMIS Ratings are baterial Information SystemFLAMMABILITY1REACTIVITY0representing minimaPERSONALBrepresenting significPROTECTIONBhazards or risks.			
	The customer is responsible	e for determining the PPE co	de for this	material.	
	Date of Issue	August 29, 2014			
	Version	2			
	Changes from Previous Version	Yes			
	Prepared by:	ECL Research and Developn	nent Depar	tment	
	Notice to reader: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of th product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and WE EXPRESSL DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. Appropriate warnings and safe handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Engineered Custom Lubricants assume no responsibility for accuracy of information unless the document is the most current available from an official Engineered Custom Lubricants contained in this document is the format, content or product formulas contained in this document comply with the laws of any other country except the United States of America.				