



## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME:</b> Kleen Bore High Tech Lubricant		<b>DATE:</b> November 04, 2011	
<b>PRODUCT NUMBER(S):</b> 1010358 (TW25, TW25A, TW25S - all forms)			
TRADE NAME: Kleen Bore High Tech Lubricant GENERAL USE: mineral oil-based Product CHEMICAL FAMILY: mineral oil-based Product PRODUCT DESCRIPTION: Clear Liquid with solvent odor			
<b>MANUFACTURED FOR:</b> <b>Safariland LLC</b>		<b>DATE PREPARED:</b> November 4, 2011 <b>SUPERSEDES:</b> July 2, 2008	
<b>ADDRESS (NUMBER, STREET, P.O. BOX)</b> 13386 International Parkway <b>(CITY, STATE AND ZIP CODE)</b> Jacksonville, FL 32218		<b>TELEPHONE NUMBER FOR INFORMATION / Customer Service</b> 800-347-1200	
<b>COUNTRY</b> USA		<b>CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER</b>  1-800-255-3924      813-248-0585 North America Toll Free      International	

## SECTION 2 - HAZARDS IDENTIFICATION

<b>EMERGENCY OVERVIEW</b>		
Appearance & Odor: Pale yellow, sweet liquid.		
<b>POTENTIAL HEALTH EFFECTS</b>		
<b>INHALATION:</b> Irritation may occur due to breathing in mist. Avoid contamination of smoking materials.		
<b>SKIN:</b> Contact may cause mild irritation. Repeated contact may cause moderate to severe irritation.		
<b>EYES:</b> Liquid or vapor may cause irritation.		
<b>INGESTION:</b> Gastro-Intestinal discomfort may occur, including nausea and vomiting.		
<b>CARCINOGENICITY:</b>		
NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED? No
CALIFORNIA, Prop.65?	No	

## SECTION 3 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
<b>None per 40 CFR 372 and 40 CFR 172.101</b>					
<b>Notes:</b> Ingredients are a mixture of synthetic oils (esters) & highly refined mineral oils. TLV:5 mg/m3 oil mist, Calcium Sulfonate/Carboxylate Complex: mixture in highly refined mineral oil . TLV:5 mg/m3 oil mist, Phosphate Ester: < 5 mg/m3. Contains less than 0.1% VOCs.					

## SECTION 4 - FIRST AID MEASURES

<b>INHALATION:</b> Place victim in well-ventilated area. If victim is not breathing, perform artificial respiration.. Seek immediate medical attention.
<b>EYES:</b> Material can cause eye irritation. Rinse eyes for a minimum of 15 minutes. Seek medical attention if needed.
<b>SKIN:</b> Irritation may occur. Thorough hand-washing with hand cleanser is recommended as prophylaxis. Use of gloves is recommended.
<b>INGESTION:</b> If product is ingested, DO NOT INDUCE VOMITING. Seek immediate medical attention.

## SECTION 5 - FIRE FIGHTING MEASURES

<b>GENERAL HAZARDS:</b> Material may burn if exposed to high heat or open flame.
<b>EXTINGUISHING MEDIA:</b> Foam, CO <sub>2</sub> , Dry Chemical.
<b>FIRE FIGHTING PROCEDURES:</b> Use self-contained breathing apparatus (SCBA).
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b> Inhalation of thermal decomposition compounds can cause toxicity; this must be avoided.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b> May produce fumes containing carbon monoxide, carbon dioxide, hydrogen fluoride and phosphorous oxides. Self-contained breathing apparatus is required for fire-fighting purposes.

# MATERIAL SAFETY DATA SHEET

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**  
 Contain spill and use an absorbent material to clean up contaminated areas. Place in approved container and recover of incineration. Do not allow material to enter sewers and/or waterways.

## SECTION 7 - HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**  
 Use caution to limit exposure to eyes and skin. Do not breathe mist.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3
<b>None per 40 CFR 372 and 40 CFR 172.101</b>								

**PERSONAL PROTECTION**  
**RESPIRATORY PROTECTION:**  
 Protection from mist inhalation is highly advisable. Mechanical/chemical respirator should be selected to provide protection from a mixture of vapor and particles.  
**PROTECTIVE GLOVES:**  
 Rubber gloves recommended.  
**EYE PROTECTION:**  
 Safety glasses or goggles are advisable, but not required.  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**  
 None needed for normal use.  
**WORK / HYGIENIC PRACTICES:**  
 Eye wash and safety showers in the work place are recommended.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Pale Yellow Oil	VAPOR PRESSURE N/D
pH N/A	SPECIFIC GRAVITY (WATER = 1) 1.1
BOILING POINT / BOILING RANGE 640 F	SOLUBILITY IN WATER N/D
FLASH POINT 460F	VISCOSITY N/D
FLAMMABLE LIMITS LEL: N/D                      UEL: N/D	VAPOR DENSITY (AIR = 1) N/D
AUTOIGNITION TEMPERATURE N/D	EVAPORATION RATE (WATER = 1) N/D

## SECTION 10 - STABILITY AND REACTIVITY

**STABILITY**                      STABLE                      **x**                      **CONDITIONS TO AVOID:**  
**Open Flame**

**INCOMPATIBILITY (MATERIALS TO AVOID):**  
**Oxidizing Agents, Strong Acids and Bases**

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:**  
**Carbon monoxide, Carbon Dioxide, hydrogen fluoride, phosphorous oxides**

**HAZARDOUS POLYMERIZATION:**                      **CONDITIONS TO AVOID:**  
**Will Not Occur**                      **None Related to Polymerization**

## SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
<b>None per 40 CFR 372 and 40 CFR 172.101</b>			


## SECTION 12 - ECOLOGICAL INFORMATION

Avoid the introduction of this product into waterways. The ecological effects of this product are unknown; therefore, use caution in disposing of unused or spilled product.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:**  
 Obey federal, state, and local laws regarding storage of wastes. Dispose of containers and unused contents in accordance with federal, state and local requirements. Do not dump into sewers, on the ground, or in any body of water.

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<b>SECTION 14 - TRANSPORT INFORMATION</b>			
<b>PROPER SHIPPING NAME:</b> Not Regulated			
<b>DOT HAZARD CLASS / Pack Group:</b> None		<b>IATA HAZARD CLASS / Pack Group:</b> None	
<b>REFERENCE:</b>		<b>IMDG HAZARD CLASS:</b> None	
<b>UN / NA IDENTIFICATION NUMBER:</b> None		<b>RID/ADR Dangerous Goods Code:</b> None	
<b>LABEL:</b> None		<b>UN TDG Class / Pack Group:</b> None	
<b>HAZARD SYMBOLS:</b> None		<b>Hazard Identification Number (HIN):</b> None	
<p>Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.</p>			
<b>SECTION 15 - REGULATORY INFORMATION</b>			
<b>TSCA (USA - Toxic Substance Control Act):</b> No			
<b>SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):</b>		<b>No</b>	
Acute Health:	<b>No</b>	Chronic Health:	<b>No</b>
Fire:	<b>No</b>	Sudden Release of Pressure:	<b>No</b>
Reactive:	<b>No</b>		
<b>313 REPORTABLE INGREDIENTS:</b>			
<b>CERCLA (USA - Comprehensive Response Compensation and Liability Act):</b>		<b>No</b>	
<b>California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:</b>		<b>No</b>	
<b>CCPR (Canadian Controlled Products Regulations):</b>		<b>No</b>	
<b>CIDL (Canadian Ingredient Disclosure List):</b>		<b>No</b>	
<b>CDSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):</b>		<b>No</b>	
<b>EINECS (European Inventory of Existing Commercial Chemical Substances):</b>		<b>No</b>	
<b>WGK Water Quality Index:</b>		<b>NA</b>	
<b>RISK PHRASES:</b>	<b>SYMBOL(S) REQUIRED FOR EU LABEL</b>	<b>SAFETY PHRASES:</b>	
<b>None</b>	<b>None</b>	<b>None</b>	
<b>SECTION 16 - OTHER INFORMATION</b>			
<b>Legend</b>			
N/A=Not applicable			
N/D=Not Determined			
<b>WHMIS HAZARD RATINGS</b>	<b>HEALTH:</b>	<b>1</b>	0 = INSIGNIFICANT
	<b>FLAMMABILITY:</b>	<b>1</b>	1 = SLIGHT
	<b>PHYSICAL HAZARD:</b>	<b>0</b>	2 = MODERATE
	<b>PERSONAL PROTECTIVE EQUIPMENT:</b>	<b>B</b>	3 = HIGH
			4 = EXTREME
<b>REVISION SUMMARY:</b>			
Revised 11/4/2011.			
<b>MSDS Prepared by:</b>			
ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com			
<p>The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.</p>			