

129-003

# MATERIAL SAFETY DATA SHEET (MSDS)

## DES 928

Tenarana Automotive Fluids Inc.  
11543-160 Street Edmonton, AB  
T5M3V9, Canada

SECTION I ▶ PRODUCT IDENTIFICATION						
<b>Product Name</b>		<b>Product Type</b>			<b>WHMIS Classification</b>	
DES 928		Heavy Duty Water Base Cleaner/Degreaser			E	
SECTION II ▶ HAZARDOUS INGREDIENTS						
<b>Chemical Name</b>		<b>CAS Registry No.</b>		<b>%</b>	<b>Toxicity</b>	
Sodium Hydroxide		1310-73-2		1-3	LD <sub>50</sub> ORAL (RABBIT) 500mg/Kg	
SECTION III ▶ PHYSICAL DATA						
<b>Appearance</b>	<b>Odour</b>	<b>pH</b>	<b>Boiling Point</b>	<b>Specific Gravity</b>	<b>Solubility in Water</b>	
Clear Red Liquid	Strong Odour	13	98°C	1.05	100%	
SECTION IV ▶ FIRE AND EXPLOSION HAZARD PROPERTIES						
<b>Flash Point (°C):</b> None			<b>Extinguishing Media:</b> CO <sub>2</sub> , Dry Foam, Water Spray			
<b>Special Fire Fighting Procedures:</b> Wear adequate respiratory protection and clothing protection.						
<b>Unusual Fire And Explosion Hazards:</b> None						
SECTION V ▶ TOXICOLOGICAL PROPERTIES						
<b>Hazard Rating:</b> Health 2		<b>Flammability:</b> 0		<b>Reactivity:</b> 2		
<b>Swallowing:</b> Moderately Toxic, causes burns to mouth/throat and stomach.						<b>Rating System</b> 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
<b>Inhalation:</b> Slight irritant, may cause irritation to nose and lungs.						
<b>Skin Absorption:</b> Unknown						
<b>Skin Contact:</b> High Irritant, can cause severe burns and scarring.						
<b>Eye Contact:</b> High Irritant, mist or splashing can cause severe burns and permanent blindness.						
<b>Special Warning:</b> None						
SECTION VI ▶ FIRST AID MEASURES						
<b>Ingestion:</b> Do not induce vomiting. Drink 3-4 glasses of milk or water. Call a physician immediately.						
<b>Inhalation:</b> Remove to fresh air						
<b>Skin:</b> Flush with cold water for at least 15 minutes. If irritation persists, call a physician.						
<b>Eyes:</b> Flush with Water for at least 15 minutes. Call a physician immediately.						
SECTION VII ▶ REACTIVITY DATA						
<b>Stable:</b> Yes						
<b>Conditions to avoid:</b> None						
<b>Incompatibility with other materials:</b> Strong Acids, may react violently with acids.						
<b>Hazardous decomposition products:</b> Burning can produce oxides of carbon.						
<b>Hazardous polymerization:</b> Will not occur.						
SECTION VIII ▶ PREVENTATIVE MEASURES						
<b>Hand Protection:</b> Yes						
<b>Eye Protection:</b> Yes						
<b>Ventilation:</b> General						
<b>Respiratory Protection:</b> None						
<b>Other Protective Equipment:</b> In case of spills, wear a chemical resistant apron and boots.						
<b>Steps to be taken in case material is released or spilled:</b> Mop up spillage. Rinse spill area with water and allow to dry.						
<b>Waste disposal method:</b> Flush with water into waste systems in accordance with municipal, provincial, and federal regulations.						
<b>Precautions to be taken in handling and storage:</b> Normal handling processes. Inside storage at 4-40°C recommended						
<b>Other Precautions:</b> Follow label instructions						
<b>UN:</b> Not Applicable		<b>TDG Class:</b> None			<b>Packing Group:</b> None	
<b>TDG Emergency Contact Telephone Number:</b> (613) 996-6663						
SECTION IX ▶ PREPARATION DATA						
<b>Prepared by:</b> Tenarana Automotive Fluids				<b>Last Updated:</b> May 20/14		
<b>Location:</b> TAF Edmonton, AB 11543 160 Street T5M3V9 780-940-3506						