

Material Safety Data Sheet		N1000	
Manufacturer's Name		QUICK IDENTIFIER (In Plant Common Name)	
Cannon Instrument Company		Viscosity Standard	
Address		Emergency Telephone No.	
P.O. Box 16 State College, PA 16804-0016		800-255-3924 Domestic CHEM-TEL INC. #	
Signature of Person Responsible for Preparation		Other Information Calls	
		814-353-8000	
		Date Prepared	
		June 8, 2000	

SECTION 1 – IDENTITY			
Common Name: (used on label) N1000. N60B. N115B. N120B. N480B. N1000(KU). N400B. VP960. HTNN-1.			
(Trade Name & Synonym) HTNN-2. YS30. YS35			
Chemical Name		Cas No.	
Poly Alpha Olefin		68037-01-4	
Formula		Chemical Family	
1-decene homopolymer hydrogenated		PAO	

SECTION 2 – HAZARDOUS INGREDIENTS			
Principal Hazardous Component(s) (chemical & comon name(s))		%	Threshold Limit Value (units)
Not applicable			

1

0

0

0

THIS ITEM IS CONTAINED IN THE TSCA INVENTORY

HAZARD RATING

N4 – Extreme

F3 – High

P2 – Moderate

A1 – Slight

0 – Insignificant

FIRE

TOXICITY

REACTIVITY

SPECIAL (Contact)			
SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)			
Boiling Point	N/A	Specific Gravity (H₂O = 1)	0.80-0.90
Vapor Pressure (mm Hg)	N/A	Percent Volatile By Volume (%)	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate (_____ = 1)	N/A
Solubility In Water	Insoluble	Reactivity In Water	N/A

Appearance And Odor	Clear light oil with characteristic odor.			
Flash Point	280°C (COC)	Flammable Limits in Air (% by Volume)	Lower N/A	Upper N/A
Extinguisher Media	Water spray, dry chemical, CO ₂	Auto-Ignition Temperature	310°C (Fire Pt.)	
Special Fire Fighting Procedures	Firefighters should wear self-contained breathing apparatus to prevent inhalation of combustion products.			
Unusual Fire and Explosion Hazards	Sensitivity to mechanical impact:	Not available.		
	Sensitivity to static discharge:	Not available.		

S01.0012

N1000

QUICK IDENTIFIER (In Plant Common Name)

Viscosity Standard

SECTION 4 – PHYSICAL HAZARDS

Stability	Unstable L Stable I at ambient temp. & pressure	Conditions To Avoid	N/A
Incompatibility (Materials to Avoid)	None identified		
Hazardous Decomposition Products	Oxides of carbon on combustion.		
Hazardous Polymerization	May Occur L Will Not Occur I	Conditions To Avoid	N/A

SECTION 5 – HEALTH HAZARDS

Threshold Limit Value	Oil mist: TWA-TLV 5 mg/m ³ (ACGIH 1987-88)				
Signs and Symptoms of Exposure	No health hazards have been identified. Inhalation of high concentration of mist may irritate nose, throat and respiratory tract, but is not likely to produce severe local or systemic effects.				
1) Acute Overexposure					
2) Chronic Overexposure	Unknown				
Medical Conditions Generally Aggravated by Exposure	Unknown				
Chemical Listed as Carcinogen Or Potential Carcinogen	N/A	National Toxi-cology Program	Yes L No I	I.A.R.C. Monographs	Yes L No I
OSHA Permissible Exposure Limit	N/A	ACGIH Threshold Limit Value	N/A	Other Exposure Limit Data	N/A
Emergency and First Aid Procedures					
1. Inhalation	Remove to fresh air. Aid or restore breathing if necessary. Get medical attention if necessary.				
2. Eyes	Flush eyes with running water for at least fifteen minutes. If irritation develops, seek medical attention.				
3. Skin	Wash thoroughly with soap and water. Remove contaminated clothing and wash before re-use.				
4. Ingestion	Due to low acute oral toxicity, it should not be necessary to induce vomiting. Seek medical attention.				

SECTION 6 – SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type)		Approved for mists.		
Ventilation		Local Exhaust		Mechanical (General)
Respiratory protection recommended		N/A		N/A
Protective Gloves	Impervious gloves	Eye Protection	Safety glasses with side shields or chemical safety goggles.	
Other Protective Clothing or Equipment	Emergency eye wash and shower.			

SECTION 7 – SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken In Handling and Storage	Store in a cool, dry location. Handle in a well-ventilated area. Use personal protective equipment to prevent contact with skin and eyes. Keep containers closed when not in use.			
Other Precautions	Emergency eye wash and shower.			
Steps to be taken in Case Material is Released or Spilled	Cleanup personnel should wear personal protective equipment. Absorb in dry inert material (sand, clay, sawdust, etc.). Transfer to disposal container(s).			
Waste Disposal Methods	Ensure conformity with all applicable Disposal Regulations. Contact regional environmental agency.			