

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT INFORMATION

Chemical Family: Petroleum hydrocarbons and additives	Trade Name: #300 Flow-Plus+
Formula: Proprietary mixture of complex hydrocarbons.	

SECTION II - HAZARDOUS INGREDIENTS

Component Name	%	TLV Exposure Limit	
		ppm	mg/m ³
Aromatic petroleum distillates	Proprietary to formulation	50	
Isopropyl alcohol	Proprietary to formulation	400	980

SECTION III - PHYSICAL DATA

Boiling/Melting Point °F/°C	190°F/87.78°C	Specific Gravity	.8563
Vapor Pressure (mm Hg)	Not determined	% Volatile	60 to 70
Vapor Density (air = 1)	Not determined	Evaporation Rate	
Solubility In Water	Disperses	(= 1)	Not determined
		pH	Not applicable
Appearance and Odor	Red color, slight aromatic odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method)	105°F/40.56°C C.O.C.	Flammable Limits	Not determined
Extinguishing Media	Carbon dioxide foam, dry chemical foam, sand, earth, waterfog.		
Special Fire Fighting Procedures	Use air-supplied breathing apparatus for enclosed areas. Cool exposed containers with water spray. Avoid breathing fumes.		
Unusual Fire and Explosion Hazards	This product is combustible.		

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SECTION V - HEALTH HAZARD DATA

Threshold Limit Value and Source Recommended exposure limit is 400 ppm.	
Acute Effects of Overexposure	
Ingestion	Ingestion may cause headache, dizziness, mental depression, nausea, narcosis, anesthesia, coma or death.
Eye Contact	At high concentration, vapors are irritating to eyes. Liquid contact produces severe irritation to the eyes.
Skin Contact	Prolonged and/or repeated contact may cause reddening, blisters or dry scaly dermatitis. Product is not readily absorbed through intact skin.
Inhalation	Irritation of the respiratory tract. Inhalation may result in headache, dizziness or unconsciousness.
Chronic Effects of Overexposure	None currently known.
Emergency and First Aid Procedure	
Swallowing	If swallowed, call a physician immediately. Give large amounts of water to drink. Do not induce vomiting.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water.
Inhalation	Remove victim to fresh air. If breathing has stopped, immediately start artificial respiration.
Eyes	If splashed into the eyes, flush eyes with clear, cool water for 15 minutes. Call a physician immediately.

SECTION VI - ADDITIONAL HEALTH AND TOXICOLOGICAL DATA

Contaminated clothing should be disposed of properly and/or decontaminated before reuse.

Under no circumstance should vomiting be induced. Vomiting can cause aspiration of the product into the lungs. If aspirated into the lungs, chemical pneumonia which may cause death in spite of treatment with oxygen and antibiotics may result.

This product does not contain any of the chemicals listed as causing cancer in the National Toxicology Program's Annual Reports, the International Agency for Cancer Research's Monographs, and OSHA's 1910.10 Subpart Z list.

SECTION VII - REACTIVITY DATA

Stability:		Conditions to Avoid	High heat, sparks, open flame.
Unstable	Stable X		
Incompatibility (materials to avoid)		Strong oxidizers, aldehydes.	
Hazardous Decomposition Products		Oxides of carbon and nitrogen.	
Hazardous Polymerization:		Conditions to Avoid	None.
May Occur	Will Not Occur X		

SECTION VIII - SPILL OR LEAK PROCEDURES

Environmental Impact	This material is not expected to present any environmental hazard other than those associated with oil spills. If spilled into a watercourse, call the U.S. Coast Guard Toll Free No. 800-424-8802.
Procedures To Be Taken If Material Is Released or Spilled	Eliminate all sources of ignition. Absorb spills with absorbent clay. Ventilate confined spaces. Keep out of sewers and watercourses.
Waste Disposal Methods	Disposal should be made at an approved waste disposal site in accordance with all applicable federal, state and local laws and regulations.

SECTION IX - SPECIAL PROTECTION INFORMATION

Respiratory Protection:	None required under ordinary conditions of use.
Ventilation:	No special requirement under ordinary conditions of use and with adequate ventilation.
Eye Protection:	Goggles or face shield.
Protective Clothing:	Use air-supplied mask if used in confined space.

SECTION X - SPECIAL PRECAUTION

Precautions To Be Taken In Handling and Storage
Do not store near heat, sparks or strong oxidants. Adequate ventilation required. Keep containers closed when not in use.
Special Comments
This product is a Class II combustible liquid. Avoid breathing vapors. Avoid prolonged or repeated skin contact. Remove contaminated shoes and clothing. Throw away shoes. Launder clothing before reuse. Wash thoroughly with soap and water after use.

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