



ALDON CORPORATION

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MSDS No. FF 01
Effective Date January 18, 1996

MATERIAL SAFETY DATA SHEET

SECTION I		NAME		24 HOUR EMERGENCY ASSISTANCE			
Product	FABRIC GUARD			<div><div><div>2</div><div>0</div><div>0</div></div><div>CHEMTREC 800-424-9300 Day 716-226-6177</div><div>NFPA HAZARD RATING LEAST SLIGHT MODERATE 0 1 2</div><div>HMIS * HIGH EXTREME 3 4</div></div>	Health	2	
Chemical Synonyms	Aliphatic Hydrocarbons				Fire	2	
Formula	Mixture				Reactivity	0	
Unit(s) Size	up to 20 Lt.						
C.A.S. No.	8052-41-3						

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES		
Principal Hazardous Component(s)	%	TLV Units
Aliphatic Hydrocarbons	97.5%	PEL: 100 ppm
		TLV: 100 ppm
Proprietary Polymers	2.5%	None established

WARNING! FLAMMABLE! HARMFUL OR FATAL IF SWALLOWED.

SECTION III				PHYSICAL DATA	
Melting Point (°F)	Not available.		Specific Gravity (H ₂ O = 1)		0.775-0.805 @ 15.6°C
Boiling Point (°F)	173°-207°C (345°-405°F)		Percent Volatile by Volume (%)		100%
Vapor Pressure (mm Hg)	2.00 @ 68°F		Evaporation Rate (Ether =1)		70.00
Vapor Density (Air=1)	4.9				
Solubility in Water	Negligible.				
Appearance & Odor	Clear, colorless liquid; hydrocarbon odor.				

SECTION IV FIRE AND EXPLOSION HAZARD DATA			
Flash Point Method Used)	48°-54°C (120°-130°F)	Flammable Limits in Air % by Volume	Lower Upper
			.7 5
Extinguisher Media	Water spray; dry chemical (ABC); carbon dioxide (CO ₂); foam.		

SPECIAL FIREFIGHTING PROCEDURES	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. USE WATER WITH CAUTION. Since this material is lighter than water and insoluble in water, the fire could be spread by the use of water in an area where the water would not be contained.
	(1993 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.6, GUIDE PAGE NO. 27)

UNUSUAL FIRE AND EXPLOSION HAZARDS	Autoignition Temperature: (approx.) 238°-260°C (460°-500°F) (ASTM-D-2155) vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, or other ignition sources at locations distant from material handling point. Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials.
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D.O.T.	PETROLEUM DISTILLATES, NOS (KEROSENE) 3,1268, III
Approved by U.S. Department of Labor "essentially similar" to form OSHA-20	

SECTION V HEALTH HAZARD DATA	
Threshold Limited Value	TWA: 100 ppm; 525 mg/m ³ (Air) (ACGIH 1983-84).
Effects of Overexposure	The odor of Kerosene (deodorized) can be easily detected below health effect levels. Olfactory fatigue occurs readily, but the ability to detect the odor returns to normal readily following removal from exposure. Concentrations above recommended health effect levels can cause eye, nose, and throat irritation, narcosis and death. EYES: Liquid and vapor may cause transient irritation. Concentrations of 150 ppm can cause slight eye irritation; 400 ppm causes eye irritation and tearing. SKIN: Prolonged or repeated skin contact may cause skin irritation. Irritation is enhanced by occlusion.

Emergency and First Aid Procedures	INHALATION: Remove to fresh air. If symptoms of illness develop, get medical attention. EYES: Immediately flush eyes with plenty of water and get medical attention if symptoms are present after flushing. SKIN: Immediately wash with plenty of soap and water while removing contaminated clothing and shoes. INGESTION: If swallowed, do NOT induce vomiting. Call physician immediately. If vomiting occurs, keep head lower than hips to prevent aspiration. Never give anything by mouth to an unconscious person.
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SECTION VI REACTIVITY DATA	
Stability	Unstable X Conditions to Avoid Excessive temperature and heat.
Incompatibility (Materials to Avoid)	Strong oxidizers.
Hazardous Decomposition Products	Combustion will produce carbon dioxide, smoke and probably emits carbon monoxide.
Hazardous Polymerization	Conditions to Avoid Not applicable.
May Occur	Will Not Occur

SECTION VII SPILL OR LEAK PROCEDURES	
Steps to be taken in case material is released or spilled	Remove all sources of ignition. Absorb material in vermiculite or other suitable absorbent and place in impervious container for incineration.

Waste Disposal Method	Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog size quantities only. Dispose of in an approved incinerator or contact with a licensed chemical waste disposal service.
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SECTION VIII SPECIAL PROTECTION INFORMATION			
Respiration Protection (Specify Type)	levels. Use a NIOSH-approved respirator for mist.	Recommended.	No.
Ventilation	Local Exhaust Recommended.	Special	No.
Protective Gloves	Mechanical (General) Rubber for repeated contacts.	Other	Chemical safety glasses.
Other Protective Equipment	Smock, apron, eye wash station, goggles, ventilation hood, proper gloves, fire extinguisher.	Eye Protection	

SECTION IX SPECIAL PRECAUTIONS	
Precautions to be Taken in Handling & Storing	Store in a cool, dry, well-ventilated area away from heat, flames, sparks or other oxidizing materials. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.
Keep container tightly closed when not in use.	

Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
Remove and wash contaminated clothing.	

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.			
Rev. No.	Date 1/18/96	Approved Michael MacCrea	MR Chemical Safety Coordinator
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