



MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
Avon, New York 14414
(716) 226-6177

MSDS No. MM 585
Effective Date November 10, 1998

SECTION V HEALTH HAZARD DATA

MM 585

Threshold Limited Value 5 mg/m³ for oil mist in air (OSHA Regulation 29 CFR 1910.1000); (ACGIH 1992-93).

Effects of Overexposure

A bland product. Low hazard at room temperatures.

Emergency and First Aid Procedures

INGESTION: If swallowed, if conscious, do **NOT** induce vomiting. Call physician. Aspiration hazard. Never give anything by mouth to an unconscious person. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists, get medical attention. **SKIN:** Flush with soap and water.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature or heat.
	Stable	X		

Incompatibility (Materials to Avoid)	Strong oxidizers like: hydrogen peroxide, bromine and chromic acid.
---	---

Hazardous Decomposition Products	Carbon monoxide and carbon dioxide.
---	-------------------------------------

Hazardous Polymerization	Conditions to Avoid	Not applicable.
May Occur		
		X

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Add absorbent (sand, earth, sawdust, vermiculite) to spill area. Do not allow to go to sewer or water courses. Wash spill area with soap and water.
--	---

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 accordance with federal, state and local regulations.
------------------------------	--

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None needed in normal laboratory handling. If misty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved respirator.			
Ventilation	Local Exhaust	Not needed.	Special	No.
	Mechanical (General)	Not needed.	Other	No.
Protective Gloves	Normally not needed.	Eye Protection	Chemical safety glasses.	
Other Protective Equipment	Lab coat, eye wash station, fire extinguisher.			

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Do not handle or store near heat, sparks, flame or strong oxidizing agents. 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. Avoid breathing oil mist. Remove oil-soaked clothing and launder before reuse. Discard oil-soaked shoes. Wash skin with soap and water after handling.
--------------------------	--

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 3	Date 11/10/98	Approved Michael Raszeja	Chemical Safety Coordinator MR
-----------------------	----------------------	---------------------------------	---------------------------------------

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	MINERAL OIL, (KLEAROL)®	<p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <table border="1"> <tr> <td>LEAST</td> <td>SLIGHT</td> <td>MODERATE</td> <td>HIGH</td> <td>EXTREME</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>HMIS *</p> <table border="1"> <tr> <td>Health</td> <td>1</td> </tr> <tr> <td>Fire</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	1	Fire	1	Reactivity	0
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	1																	
Fire	1																	
Reactivity	0																	
Chemical Synonyms	White Mineral Oil																	
Formula	A mixture of liquid hydrocarbons refined from petroleum.																	
Unit Size	up to 5 gallon																	
C.A.S. No.	8042-47-5																	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Mineral Oil, (Klearol)®	100%	See Section V.

CAUTION! LOW HAZARD. STORE AWAY FROM FIRE HAZARDS

AND STRONG OXIDIZING MATERIALS; NON-TOXIC.

SECTION III PHYSICAL DATA

Melting Point (°F)	Not applicable.	Specific Gravity (H₂O = 1)	< 1 @ 15°C
Boiling Point (°F)	> 230°C (450°F)	Percent Volatile by Volume (%)	0 @ 25°C
Vapor Pressure (mm Hg)	< .005	Evaporation Rate (=1)	0 @ 25°C
Vapor Density (Air=1)	Not applicable.		
Solubility in Water	Negligible at 25°C.		
Appearance & Odor	Viscous, clear, colorless liquid; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	>130°C (265°F)	Flammable Limits in Air % by Volume	No data	Lower	Upper
				-----	-----

Extinguisher Media Foam; dry chemical (ABC); carbon dioxide (CO₂); water fog; sand, earth.

SPECIAL FIREFIGHTING PROCEDURES

Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Wear a NIOSH/MSHA-approved self-contained breathing apparatus. Avoid breathing vapors or fumes.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products. Do not mix or store with strong oxidants.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20