



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. QQ 21
Effective Date July 12, 1999

SECTION V HEALTH HAZARD DATA

QQ 21

Threshold Limited Value

Toxicity data: LD50 orl-rat 1230 mg/kg; LD50 skin-rbt 1870 mg/kg.

Effects of Overexposure

Harmful if swallowed, inhaled or absorbed through skin. Causes eye irritation. Causes skin irritation. Material is irritating to mucous membranes and respiratory tract. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures

EYES: Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INHALATION:** Remove to fresh air. **INGESTION:** Treat symptomatically and supportively. Get medical attention immediately. If vomiting occurs, keep head lower than hips to prevent aspiration. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid	Excessive temperature, heat, open flame.
	Stable	X	Light sensitive, air sensitive.

Incompatibility (Materials to Avoid)	Strong oxidizers, acid chlorides, strong acids.
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Hazardous Decomposition Products	Toxic fumes of carbon monoxide, carbon dioxide and oxides of nitrogen.
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Hazardous Polymerization		Conditions to Avoid
May Occur	Will Not Occur	Not applicable.
	X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Wear self-contained breathing apparatus and protective clothing. Absorb spill with sand or vermiculite and place in closed container for disposal. Flush spill area with water.
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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.
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Dispose of in an approved incinerator equipped with an afterburner and scrubber or contract with a licensed waste disposal service.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)		NIOSH/MSHA approved respirator.		
Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.
Protective Gloves		Rubber.	Eye Protection	
			Chemical safety glasses.	

Other Protective Equipment	Lab coat, apron, eye wash station, proper gloves, ventilation hood.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place. Keep away from heat and open flame. Air and moisture sensitive. 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.
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NOTE: Packed under nitrogen. Do not get in eyes, on skin or on clothing. Keep container tightly closed. Remove and wash contaminated clothing.

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

Revision	No. 4	Date	7/12/99	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
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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	QUINALDINE
Chemical Synonyms	2-Methylquinoline
Formula	C ₁₀ H ₉ N
Unit Size	up to 180 Kg.
C.A.S. No.	91-63-4

CHEMTREC
800-424-9300
Day 716-226-6177

NFPA
HAZARD RATING
LEAST SLIGHT MODERATE HIGH EXTREME
0 1 2 3 4

Health	2
Fire	1
Reactivity	1

HMIS *

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Quinaldine	100%	None established.
WARNING! CAUSES SKIN AND EYE IRRITATION.		

SECTION III PHYSICAL DATA

Melting Point (°F)	-2°C (28.4°F)	Specific Gravity (H ₂ O = 1)	1.06
Boiling Point (°F)	210°C (410°F)	Percent Volatile by Volume (%)	Not applicable.
Vapor Pressure (mm Hg)	Not applicable.	Evaporation Rate (≈1)	Not applicable.
Vapor Density (Air=1)	Not applicable.		
Solubility in Water	Insoluble.		
Appearance & Odor	Light yellow liquid; quinoline odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not applicable.	Flammable Limits in Air % by Volume	NA	Lower	Upper
Extinguisher Media	Water spray; carbon dioxide; dry chemical powder; alcohol or polymer foam.				

SPECIAL FIREFIGHTING PROCEDURES

Wear self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

COMBUSTIBLE! Toxic fumes of carbon monoxide, carbon dioxide and oxides of nitrogen.

D.O.T. NON-REGULATED.

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