



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. GG 226
Effective Date March 5, 1999

SECTION V HEALTH HAZARD DATA

GG 226

Threshold Limited Value None established for this mixture.

Effects of Overexposure
INHALATION: Excessive inhalation of vapors or mists can cause nasal and respiratory irritation, dizziness, nausea, headache. **INGESTION:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. **EYES:** May cause severe irritation, burning sensation, blurred vision. **SKIN:** Can cause irritation, dermatitis.

Emergency and First Aid Procedures
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **INGESTION:** Keep victim calm and get immediate medical attention. Never give anything by mouth to an unconscious person. **EYES:** Flush thoroughly with water for 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Flush with water. Remove contaminated clothing. Get medical attention.

SECTION VI REACTIVITY DATA

Stability
Unstable: Stable:
Conditions to Avoid Excessive temperature and heat.

Incompatibility (Materials to Avoid) Strong oxidizers.

Hazardous Decomposition Products Carbon dioxide and Carbon monoxide.

Hazardous Polymerization
May Occur: Will Not Occur:
Conditions to Avoid Not applicable.

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled
Remove all sources of ignition. Wear protective safety equipment. Ventilate area. Absorb spill in vermiculite, sand, earth, paper towel, then place in a suitable container for proper disposal. 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) Wear a NIOSH/MSHA approved self contained breathing apparatus.

Ventilation
Local Exhaust: Recommend: Special: No.:
Mechanical (General): Recommend: Other: No.:

Protective Gloves Rubber **Eye Protection** Chemical safety goggles

Other Protective Equipment Lab coat, apron, eye wash station, proper gloves, ventilation hood.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing
Store in a cool, dry place away from fire hazards. 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.
Avoid prolonged inhalation of vapors or mists. Use with adequate ventilation. Remove and wash contaminated clothing.

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

Revision No. 2 Date 3/5/99 Approved Michael Razeja 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	GRAPHITE COLLOIDAL	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * 0 1 2 3 4	Health	1
Chemical Synonyms	N/A		Fire	3
Formula	Mixture		Reactivity	2
Unit Size	up to			
C.A.S. No.	Mixture			

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Graphite: CAS No. 7782-42-5	15.0%	15.00 MPPCF
Isopropanol: CAS No. 67-63-0	66.0%	400 ppm
n-Butyl alcohol: CAS No. 71-36-3	5.0%	100 ppm
Hexylene glycol: CAS No. 107-41-5	5.0%	25 ppm
Propylene glycol methyl ether: CAS No. 107-98-2	5.0%	100 ppm

DANGER! FLAMMABLE! HARMFUL IF INHALED OR ABSORBED THROUGH SKIN.

SECTION III PHYSICAL DATA

Melting Point (°F)	N/A	Specific Gravity (H ₂ O = 1)	0.89
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	80.0%
Vapor Pressure (mm Hg)	31.00	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Partial		
Appearance & Odor	Thixotropic black fluid; sharp odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	11°C (52°F) TCC	Flammable Limits in Air % by Volume	Lower	Upper
			-----	-----

Extinguisher Media Foam, Carbon dioxide, Dry chemical

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

(1996 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.7, GUIDE PAGE NO. 128)

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products.

D.O.T. Flammable liquids, n.o.s., (Isopropyl alcohol), 3, UN 1993, PG II

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