



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. LL 30
Effective Date March 19, 1999

SECTION V HEALTH HAZARD DATA

LL 30

Threshold Limited Value TWA 3.5 mg/m³ OSHA; STEL 7 mg/m³; NIOSH recommended 10 hr. TWA 3.5 mg/m³.

Effects of Overexposure **TARGET AFFECTS:** Poisoning may affect the respiratory system, heart, skin and oral mucosa. **INHALATION:** May cause irritation of the nose and respiratory tract. **SKIN:** May cause irritation on prolonged contact. **EYES:** May cause irritation and discoloration of the lids and conjunctiva. **INGESTION:** No data available.

Emergency and First Aid Procedures **INHALATION:** Remove to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **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 and heat. Ignition source.

Incompatibility (Materials to Avoid) Strong oxidizers, such as chlorates, bromates, nitrates.

Hazardous Decomposition Products Thermal decomposition products may include toxic oxides of carbon.

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

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Recover for use if not contaminated. Sweep up and place in suitable container for proper disposal. Avoid dust dispersion.

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 contract with a licensed waste disposal agency.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask or 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.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool, dry area away from oxidizing materials, sparks or ignition sources. 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 inhalation of dust. 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. 5 **Date** 3/19/99 **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	LAMPBLACK
Chemical Synonyms	Carbon Black, C.I. No. 77266
Formula	C
Unit Size	up to 2.5 Kg.
C.A.S. No.	1333-86-4

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

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

HMIS *
Health 0
Fire 0
Reactivity 0

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
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Lampblack	100%	See Section V.
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CAUTION! DO NOT BREATHE DUST.

SECTION III PHYSICAL DATA

Melting Point (°F)	3680°C (6656°F)	Specific Gravity (H ₂ O = 1)	1.8-2.1
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Boiling Point (°F)	4200°C (7592°F)	Percent Volatile by Volume (%)	Negligible as solid.
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Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate ()	Not applicable.
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Vapor Density (Air=1)	Not applicable.
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Solubility in Water	Insoluble.
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Appearance & Odor	Odorless, fine black powder.
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SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not applicable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
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Extinguisher Media	Water fog; foam; carbon dioxide (CO ₂); dry chemical (ABC).
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SPECIAL FIREFIGHTING PROCEDURES

If involved in fire situation, wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

Autoignition Temperature: 900°C (1652°F) (Layer).

UNUSUAL FIRE AND EXPLOSION HAZARDS

Avoid dispersion of dust in air. Finely divided particles, dust or fume may be a slight fire hazard.

D.O.T. **NON-REGULATED.**

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