

MINOLTA CAMERA CO LTD -- NEW TONER FOR ACTION LASER 1000/1500 -- 6850-01-411-2477
===== Product Identification =====

Product ID:NEW TONER FOR ACTION LASER 1000/1500

MSDS Date:09/21/1992

FSC:6850

NIIN:01-411-2477

MSDS Number: CCBJL

=== Responsible Party ===

Company Name:MINOLTA CAMERA CO LTD

Address:3-13, 2-CHOME, AZUCHI-NACHI, CHUO-KU

City:OSAKA 541 JAPAN

Country:US

Emergency Phone Num:06-271-225

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CAGE:S4049

=== Contractor Identification ===

Company Name:MINOLTA CAMERA CO LTD

Address:30, 2-CHOME AZUCHI-MACHI

Box:City:HIGASHI-KU OSAKA 541

Phone:05-271-2251

CAGE:S4049

===== Composition/Information on Ingredients =====

Ingred Name:POLYESTER RESIN

Fraction by Wt: >85%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

Fraction by Wt: 1-5%

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3

Ingred Name:ORGANIC PIGMENT

CAS:32517-36-5

Fraction by Wt:

1-3%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:PROPENE POLYMERS; (POLYPROPYLENE)
CAS:9003-07-0
RTECS #:TR5000000
Fraction by Wt: 1-3%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:AMORPHOUS SILICA
Fraction by Wt: 5.0 G/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: MINIMAL RESP TRACT IRRIT MAY OCCUR AS W/EXPOS TO LARGE AMOUNTS OF ANY NONTOXIC DUST. MAY CAUSE COUGH & RAISE PHLEGM. CHRONIC: NONE. TONER PRESENTS A LOW HAZ FOR USUAL OCCUP SETTINGS. BASED ON A VAIL DATA, HUMAN EXPOS TO TONER HAS BEEN SHOWN TO CAUSE MIN RESP TRACT IRRIT AS MAY OCCUR W/LGE AMTS (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:HLTH HAZ:ANY NON-TOX DUSTS. RSLTS OF ANIMAL STUDY WHERE RATS INHALED TONER THAT WAS 10 TIMES MORE RESP THAN COMMERCIALY AVAIL TONER WERE OBSERVED TO HAVE NO LUNG CHANGES AT LOW EXPOS(MOST RELEVANT LE VEL TO POTNTL HUMANA EXPOS). AT HIGHER LEVELS A SLIGHT DEGREE OF LUNG FIBROSIS WAS OBSERVED DUE TO EXCESS AMTS(SUPDAT)
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:INHAL: WASH NOSTRILS, RINSE MOUTH. INGEST: DILUTE STOMACH CONTENTS W/SEVERAL GLASSES OF WATER. EYE: FLUSH W/WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER.

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===== Fire Fighting Measures =====

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Extinguishing Media:WATER, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT. AVOID INHALATION OF SMOKE.

Unusual Fire/Explosion Hazard:IF DISPERSED IN AIR, TONER, LIKE MOST FINELY DIVIDED ORGANIC POWDERS, MAY FORM AN EXPLOSIVE MIXTURE.

===== Accidental Release Measures =====

Spill Release Procedures:IF SPILLED, SWEEP UP OR VACUUM.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:NONE.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED WHEN USED AS INTENDED IN MINOLTA EQUIPMENT. USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:NONE REQUIRED WHEN USED AS INTENDED IN MINOLTA EQUIPMENT.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE.

Supplemental Safety and Health

EFFECTS OF OVEREXPOSURE: OF DUST RETAINED IN THE LUNGS FOR A PROLONGED INTERVAL.

===== Physical/Chemical Properties =====

Specific Gravity:1.2 (H₂O=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK POWDER, FAINT ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

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NONE.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:PRODUCTS OF COMBUSTION ARE TOXIC.

AVOID BREATHING OF SMOKE.

===== Disposal Considerations =====

Waste Disposal Methods:WASTE MAY BE DISPOSED OR INCINERATED UNDER
CONDITIONS WHICH MEET ALL LOCAL, STATE & FEDERAL ENVIRONMENTAL
REGULATIONS.

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