

CANON INC -- F42-0431-000, CLC-700/800/900/950 TONER YELLOW -- 6850-01-431-9425
===== Product Identification =====

Product ID:F42-0431-000, CLC-700/800/900/950 TONER YELLOW

MSDS Date:10/01/1997

FSC:6850

NIIN:01-431-9425

Status Code:A

MSDS Number: CKJBJ

=== Responsible Party ===

Company Name:CANON INC

Address:30-2 SHIRMOMARUKO 3 CHOME

City:TOKYO, JAPAN

Country:JA

Info Phone Num:03-758-2111

Emergen

cy Phone Num:(800)424-9300

Chemtrec Ind/Phone:(800)424-9300

CAGE:EO274

=== Contractor Identification ===

Company Name:CANON INC

Address:30-2 SHIMOMARUKO 3-CHOME, OHTA-KU

Box:City:TOKYO

Country:JA

Phone:03-3758-2111/ 516-328-5600(USA)

CAGE:EO274

Company Name:CANON USA INC

Address:2110 WASHINGTON BLVD SUITE 150

Box:City:ARLINGTON

State:VA

ZIP:22204-5799

Country:US

Phone:703-807-3191

CAGE:4J871

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

Ingred Name:POLYESTER RESIN

CAS:39

382-25-7

Minumum % Wt:85.

Maxumum % Wt:95.

Other REC Limits:NONE RECOMMENDED

Ingrid Name:PIGMENT, YELLOW

Minumum % Wt:3.

Maxumum % Wt:10.

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >5000 MG/KG

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TONER LOW HAZARD FOR RECOMMENDED HANDLING. INHALATION: EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. EYE:

NO SPECIFIC HAZARDS KNOWN. MAY CAUSE TRANSIENT IRRITATION. NOT CLASSIFIED AS AN IRRITANT ACCORDING TO OSHA HAZARD COMMUNICATION STANDARD (HCS). SKIN: EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. NOT CLASSIFIED AS AN IRRITANT ACCORDING TO OSHA HAZARD COMMUNICATION STANDARD (HCS). INGESTION: EXPECTED TO BE LOW INGESTION HAZARD. DATA FROM SIMILAR TONER MATERIAL. CHRONIC TOXICITY: NOT DATA AVAILABLE.

Explanation of Carcinogenicity:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Effects of Overexposure:TRANSIENT EYE IRRITATION.

Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

First Aid:INHALATION-IF SYMPTOMATIC, MOVE TO FRESH AIR, GET MEDICAL ATTENTION IF SYMPTOMS PERSISTS. EYES-ANY MATERIAL THAT CONTACTS THE EYE SHOULD BE WASHED OUT IMMEDIATELY WITH WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. SKIN-WASH WITH SOAP ANDWATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGESTION-DRINK 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION.

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

Extinguishing Media:USE WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:NONE.

Unusual Fire/Explosion Hazard:POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES.

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

Spill Release Procedures:SWEEP OR SCOOP UP AND REMOVE. FLUSH RESIDUAL SPILL AREA

WITH WATER.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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Handling and Storage
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Handling and Storage Precautions:LOW HAZARD FOR RECOMMENDED HANDLING.
MINIMIZE DUST GENERATION AND ACCUMULATION. USE WITH ADEQUATE
VENTILATION.

Other Precautions:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE REQUIRED WHEN USED IN INTENDED FASHION.

Ventilation:

GOOD VENTILATION (TYPICALLY 4-6 ROOM VOLUMES/HR) SHOULD BE
USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS.

Protective Gloves:IMPERVIOUS GLOVES SHOULD BE WORN.

Eye Protection:MINIMIZE EYE CONTACT.

Other Protective Equipment:WASHING FACILITIES.

Work Hygienic Practices:IT IS GOOD INDUSTRIAL HYGIENE PRACTICE TO
MINIMIZE EYE CONTACT.

Supplemental Safety and Health

NO DATA PROVIDED BY RESPONSIBLE PARTY.

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Physical/Chemical Properties
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HCC:N1

Melt

/Freeze Pt:M.P/F.P Text:100-150C (SOFTENING)

Spec Gravity:1.0-1.5

Evaporation Rate & Reference:N/A (BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:SOLID POWDER, YELLOW, SLIGHT PLASTIC ODOR.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Hazardous Decomposition Products:COMBUSTION WILL PRODUCE CARBON DIOXIDE
AND

POSSIBLY TOXIC CHEMICALS SUCH AS CARBON MONOXIDE OR OXIDES OF NITROGEN.

===== Toxicological Information =====

Toxicological Information:BASED ON AVAILABLE DATA, HUMAN EXPOSURE TO TONER HAS BEEN SHOWN TO CAUSE MINIMAL RESPIRATORY TRACT IRRITATION AS MAY OCCUR WITH LARGE AMOUNTS OF ANY NON-TOXIC DUSTS. THE RESULTS OF ONE ANIMAL STUDY WHERE RATS INHALED TONER THAT WAS 10 TIMES MORE RESPIRABLE THAN COMMERCIALY AVAILABLE TONER WERE OBSERVED TO HAVE NO LUNG CHANGES AT LOW EXPOSURES . AT HIGHER LEVELS A SLIGHT INCREASE OF LUNG FIBROSIS WAS OBSERVED DUE TO EXCESSIVE AMOUNTS OF DUST RETAINED IN THE LUNGS FOR A PROLONGED INTERVAL.

===== Ecological Information =====

Ecological:THE MATERIAL HAS NOT BEEN TESTED FOR ENVIRONMENTAL EFFECTS. IN A SMALL SPILL SITUATION THIS MATERIAL IS VISUALLY UNPLEASANT; HOWEVER, IT IS NOT EXPECTED TO CAUSE ANY ADVERSE ENVIRONMENTAL EFFECTS.

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

Waste Disposal Methods:INCINERATE OR LANDFILL, CAN BE INCINERATED WHEN IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE OR LOCAL LAWS. EMPTY RECEPTACLES MAY BE RECYCLED.

===== MSDS Transport Information =====

Transport Information:DOT SHIPPING NAME: NOT REGULATED. DOT HAZARD CLASS: N/A. UN NO.: N/A.

===== Regulatory Information =====

SARA Title III Information:SECTION 313 REPORTING: CHROMIUM III AND COMPOUNDS: 5% MAXIMUM. AS CHROMIUM III METAL: 0.5%.

Federal Regulatory Information:TSCA: ALL INGREDIENTS FOUND ON THE TSCA INVENTORY. RCRA STATUS: IF DISCARDED IN ITS PURCHASED FORM, THIS PRODUCT WOULD NOT BE A HAZARDOUS WASTE EITHER BY LISTING OR CHARACTERISTIC. HOWEVER, UNDER RCRA, IT IS THE RESPONSIBILITY OF THE END-USER TO DETERMINE AT THE TIME

OF DISPOSAL, WHETHER A

MATERIAL CONTAINING THE PRODUCT OR DERIVED FROM THE PRODUCT SHOULD BE CLASSIFIED AS HAZARDOUS WASTE (40 C FR 2611.20-24).

State Regulatory Information: MATERIAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER: NONE. MATERIAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE ADVERSE REPRODUCTIVE EFFECTS: NONE.

===== Other Information =====

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ormation is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.