

FUJIFILM Canada Inc.

Material Safety Data Sheet

Section 1. Chemical Product And Company Identification

Product Name: Metering Roller Cleaner-ALT Metering/Pipe Cleaner

Man. Code: ANCHOR 7666 **Product Code:** 76665 76666 766655

Distributor

FUJIFILM Canada Inc.
600 Suffolk Court
Mississauga, Ontario L5R 4G4

Manufacturer

Anchor Lithkemko
50 Industrial Loop North
Orange Park, FL 32073

Emergency # CANUTEC (613) 996-6666

HEALTH Emergency # 800-424-9300

Prepared By: FUJIFILM Canada Inc.
mm/dd/yy

Telephone: (905) 890-6611

Preparation Date: 11/17/06

Product Use: Graphic Arts Product

Section 2. Composition, Information On Ingredients

INGREDIENT	CAS NUMBER	WEIGHT %
Acetone	67-64-1	10-20
Aliphatic petroleum distillates	64742-89-8	50-70
Heptane	142-82-5	10-20
Isopropanol	67-63-0	5-10

Section 3. Hazards Identification

WHMIS Class: B-2 D2-B

HMIS rating: Health 2 Flammability 3 Reactivity 0 Protection C
NFPA rating: Health 2 Flammability 3 Reactivity 0 Specific Hazards Flammable
Hazard Rating: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe C = Gloves, Goggles and Apron

Routes Of Entry: Skin contact, eye contact, inhalation, ingestion

Conditions Aggravated by Exposure: No information

Effects Of Acute Exposure:

Irritant to skin, eyes, mucous membranes and respiratory tract. Ingestion of product may cause nausea and vomiting. Prolonged or repeated inhalation may cause central nervous system depression, anemia, and damage to the kidneys, liver and blood system.

Ingredient Information:

Swallowing of hydrocarbons may cause lung damage. Repeated exposure to hydrocarbons can cause dermatitis.

Effects of Chronic Exposure:

Prolonged skin contact may cause dermatitis.

Section 4. First Aid Measures

Eyes:	Flush with cool water for 15 minutes. Obtain medical attention.
Skin:	Wash with soap and water for 15 minutes. Obtain medical attention.
Ingestion:	Do not drink water. Do not induce vomiting. Obtain prompt medical attention.
Inhalation:	Remove to fresh air. Obtain medical attention.

Section 5. Fire Fighting Measures

Flammability:	Yes
If Yes, Under Which Conditions?	Direct source of ignition
Flashpoint and Method (° C):	- 12 TCC
Upper Flammable Limit (% By Volume):	No data
Lower Flammable Limit (% By Volume):	No data
Autoignition Temperature:	No data
<u>Explosion Data</u>	
Sensitivity To Impact:	No data
Sensitivity To Static Discharge:	No data

Means of Extinction:

Use water spray, foam, CO₂ or dry chemical fire fighting apparatus.

Unsuitable Extinguishing Media:

No data

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to the fire. Dike and collect media used to fight fire.

Hazardous Combustion Products:

See decomposition products

Section 6. Accidental Release Measures

Leak and spill procedure: Ventilate area. Keep away from strong oxidizers, heat, sparks and open flames. Wear appropriate personal protective equipment. Stop source of material release. Keep unwanted personnel away from spill zone. Prevent spills from spreading using an inert material as a dam. Do not flush area with water. Absorb spilled product with inert material. If required contact local or provincial agencies. Wash contaminated clothing before reuse and discard contaminated leather shoes.

Product soaked absorbent should be placed in a sealed container for disposal in accordance to local, provincial or federal regulations.

Section 7. Handling And Storage

Handling:

Avoid contact with eyes, skin and clothing. Avoid breathing mist or vapours. Do not swallow. Handle in areas with adequate ventilation. Wear appropriate personal protective equipment during handling. Wash thoroughly after handling. Keep containers closed when not in use.

Storage:

Store in a cool, dry, well ventilated place away from all sources of ignition. Keep containers closed when not in use.

Section 8. Exposure Controls And Personal Protection

Engineering Controls:	Local mechanical exhaust ventilation recommended.
Protective Equipment	
Eyes:	Chemical resistant safety goggles
Respirator:	If TLV is exceeded use a respirator with appropriate cartridges
Skin Protection:	Neoprene gloves and apron
Other:	Eyewash station

Exposure Limits	ACGIH TLV	OSHA PEL
Acetone	1780 mg/m ³	1800 mg/m ³
Aliphatic petroleum distillates	no data	no data
Heptane	400 ppm	500 ppm
Isopropanol	200ppm (400ppm STEV)	400 ppm

Section 9. Physical And Chemical Properties

Physical State:	Liquid, clear, colourless
Odour:	Strong solvent odour
Odour Threshold:	No data
Vapour Density:	No data
Vapour Pressure (mm Hg):	24.6 @20C
Evaporation Rate:	No data
Boiling Point (°C) :	100 - 141
Melting Point (°C):	No data
Freezing Point (°C):	No data
pH :	No data
Specific Gravity:	0.72
Solubility in Water	20%
Volatiles	No data
Coefficient of Water Oil Distribution	No data
VOC lb/gal	5.25

Section 10. Stability And Reactivity

Hazardous Polymerization:	Hazardous polymerization will not occur if product is used and stored as directed.
Materials and Conditions to Avoid:	Strong oxidizers, strong acids, strong bases. Keep away from all sources of ignition and excess heat.
Reactivity and Conditions:	
Not normally reactive	
Decomposition Products:	CO ₂ , CO, NO _x
Conditions of Chemical Instability:	Product is stable if used and stored as directed

Section 11. Toxicological Information

LD50 (oral rat): No data **Synergistic Materials:** None known
Irritancy : Skin, eye, respiratory tract and mucous membrane irritant
Sensitization : Not known to be a skin sensitizer
Teratogenicity: Not known to be a teratogen

Carcinogenicity: Not known to be carcinogenic
Reproductive Toxicity: Not known to be a reproductive toxin
Mutagenicity: Not known to be a mutagen

<u>Ingredients</u>	<u>LD50 (Oral Rat)</u>	<u>LC50 (Species)</u>	<u>LD50 (species)</u>
Acetone	5800 mg/kg	50.1g/m ³ /8H(rat)	
Aliphatic petroleum distillates	no data	no data	
Heptane	no data	103g/m ³ /4H(rat)	222 mg/kg (mou)
Isopropanol	5045 mg/kg	16000ppm/8hr(rat)	

Section 12. Ecological Information

Ecotoxicity Data: No data **Chemical fate Data:** No data

Section 13. Disposal Considerations

Consult appropriate municipal, provincial and federal regulatory agencies to determine proper disposal procedures.

Section 14. Transportation Information

Proper Shipping Name: Flammable liquid n.o.s. (contains petroleum naptha, acetone)
Shipping Class: 3
Product Identification No: UN 1993
Packing Group: II **Other Instructions:** Check Transportation Labels

Section 15. Regulatory Information

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulation (CPR) and the MSDS contains all of the information required by the CPR.

Section 16. Other Information

This MSDS has been prepared to meet WHMIS requirements and is believed to be correct. The information should be used to make an independent determination of the methods to safeguard workers and the environment.