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**SECTION 1. IDENTIFICATION****Identification of the company:**

Archroma France, SAS  
Usine de Lamotte, Rue du Flottage  
Trosly Breuil, France, 60350  
Telephone No.: +33 3 44 85 40 00

**Information of the substance/preparation:**

Product Stewardship +1 704-353-4120

**Emergency tel. number:** +1 202 464 2554 (NCEC)

**Trade name:**

**Cartaguard KMP liq**

**Material number:**

281699

**Chemical family:**

Fluorochemical

**Primary product use:**

Oil and grease-repellent agents for paper

**Recommended use of the chemical and restrictions on use**

Recommended restrictions on use: unknown

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**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Eye irritation : Category 2A

Specific target organ toxicity : Category 3 (Central nervous system)  
- single exposure

**GHS label elements**

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

Precautionary statements : **Prevention:**  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear eye protection/ face protection.  
**Response:**  
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON

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CENTER/doctor if you feel unwell.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
**Storage:**  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.  
**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous components

Chemical name	CAS-No.	Concentration (%)
Acetic Acid	64-19-7	$\geq 1$ - $\leq 3$

## SECTION 4. FIRST AID MEASURES

General advice : Remove/Take off immediately all contaminated clothing. Ensure that the First Aid Personnel are aware of the product involved, and take precautions to protect themselves (e.g. wear personal protection equipment).

If inhaled : If inhaled, remove to fresh air. Get medical advice/ attention.

In case of skin contact : In case of contact, immediately flush skin with plenty of water.

In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed : If swallowed do not induce vomiting, seek medical advice and show safety datasheet or label

Most important symptoms and effects, both acute and delayed : None known.

## SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water spray jet  
Alcohol-resistant foam  
Dry powder

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	Carbon dioxide (CO <sub>2</sub> )
Unsuitable extinguishing media	: High volume water jet
Specific hazards during fire-fighting	: In case of fire hazardous decomposition products may be produced such as: Carbon monoxide Carbon dioxide (CO <sub>2</sub> ) Fluorine compounds
Further information	: Cool endangered containers with water spray jet. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for firefighters	: Self-contained breathing apparatus Full protective suit

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Wear suitable protective equipment. Ensure adequate ventilation. Information regarding Safe handling, see chapter 7. For personal protection see section 8. Information regarding Waste Disposal, see chapter 13.
Environmental precautions	: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. The product should not be allowed to enter drains, water courses or the soil.
Methods and materials for containment and cleaning up	: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Treat recovered material as described in the section "Disposal considerations".

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## SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	: Observe the general rules of industrial fire protection
Advice on safe handling	: When used and handled appropriately no special measures are needed
Conditions for safe storage	: Keep only in the original container.
Materials to avoid	: Avoid storage near incompatible agents (see section 10). Do not store or transport together with foodstuffs

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Date of first issue: 12/14/2015**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

CAS-No.	Components	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
64-19-7	Acetic Acid	TWA	10 ppm 25 mg/m <sup>3</sup>	CA AB OEL
		STEL	15 ppm 37 mg/m <sup>3</sup>	CA AB OEL
		TWA	10 ppm	CA BC OEL
		STEL	15 ppm	CA BC OEL
		TWAEV	10 ppm 25 mg/m <sup>3</sup>	CA ON OEL
		STEV	15 ppm 37 mg/m <sup>3</sup>	CA ON OEL
		TWAEV	10 ppm 25 mg/m <sup>3</sup>	CA QC OEL
		STEV	15 ppm 37 mg/m <sup>3</sup>	CA QC OEL

**Engineering measures** : See section 7; no measures in addition to the ones mentioned are necessary.

**Personal protective equipment**

**Respiratory protection** : Use respiratory protection in case of insufficient exhaust ventilation or prolonged exposure  
Filter A (organic gases and vapours) to standard DIN EN 141

**Hand protection**

**Remarks** : Long-term exposure Impervious butyl rubber gloves  
For short-term exposure (splash protection): Nitrile rubber gloves.

**Eye protection** : Safety glasses

**Skin and body protection** : working clothes

**Protective measures** : Observe the usual precautions for handling chemicals.  
Ensure that eyewash stations and safety showers are close to the workstation location.

**Hygiene measures** : Wash hands before breaks and at the end of workday.  
Use protective skin cream before handling the product.  
Take off immediately all contaminated clothing and wash it before reuse.  
Do not eat, drink or smoke when using this product.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: liquid
Colour	: light yellow
Odour	: Product specific
pH	: 4 - 5, Concentration: 500 g/l (20 °C)
Melting point	: cannot be determined
Boiling point	: > 100 °C
Flash point	: > 100 °C Method: closed cup No flash point - Measure made up to the boiling point.
Evaporation rate	: not available
Upper explosion limit	: not available
Lower explosion limit	: not available
Vapour pressure	: Corresp. to vapour pressure of water
Relative vapour density	: not available
Relative density	: Not applicable
Density	: 1.1 g/cm <sup>3</sup> (23 °C)
Solubility(ies)	
Water solubility	: completely miscible
Solubility in other solvents	: not available
Partition coefficient: n-octanol/water	: This property is not applicable for mixtures.
Auto-ignition temperature	: not available
Decomposition temperature	: 130 °C
Viscosity	
Viscosity, dynamic	: 200 - 500 mPa.s (23 °C)
Viscosity, kinematic	: not available
Flow time	: not available
Explosive properties	: Not explosive Method: Expert judgement

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Oxidizing properties : The substance or mixture is not classified as oxidizing.  
Method: Expert judgement

Self-heating substances : Method: Expert judgement  
Not applicable

Surface tension : not available

### SECTION 10. STABILITY AND REACTIVITY

Reactivity : See section 10.3. "Possibility of hazardous reactions"

No dangerous reaction known under conditions of normal use.

Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.  
Stable

Conditions to avoid : Protect from heat/overheating.

Incompatible materials : Oxidizing agents

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

##### Product:

Acute oral toxicity : LD50: > 2,000 mg/kg  
Remarks: By analogy with a product of similar composition

Acute inhalation toxicity : Remarks: not available

Acute dermal toxicity : Remarks: not available

#### Skin corrosion/irritation

##### Product:

Result: No skin irritation  
Remarks: By analogy with a product of similar composition

#### Respiratory or skin sensitisation

##### Product:

Remarks: not available

#### Germ cell mutagenicity

##### Product:

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Genotoxicity in vitro : Remarks: not available

### Carcinogenicity

**Product:**

Remarks: not available

### Reproductive toxicity

**Product:**

Effects on fertility :  
Remarks: not available

Effects on foetal development : Remarks: not available

### STOT - single exposure

**Product:**

Remarks: not available

### STOT - repeated exposure

**Product:**

Remarks: not available

### Repeated dose toxicity

**Product:**

Remarks: not available

### Aspiration toxicity

**Product:**

No data available

### Symptoms and effects

**Product:**

General Information : The possible symptoms known are those derived from the labelling (see section 2).

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

**Product:**

Toxicity to fish : LC50 (Fish): > 100 mg/l

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Exposure time: 96 h  
Remarks: By analogy with a product of similar composition

Toxicity to daphnia and other aquatic invertebrates :  
Remarks: not available

Toxicity to algae :  
Remarks: not available

Toxicity to fish (Chronic toxicity) : Remarks: not available

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: not available

Toxicity to bacteria : EC50 (activated sludge): > 2,000 mg/l  
Exposure time: 3 h  
Remarks: By analogy with a product of similar composition

#### Persistence and degradability

##### Product:

Biodegradability : Remarks: not available

Physico-chemical removability : Remarks: not available

#### Bioaccumulative potential

##### Product:

Bioaccumulation : Remarks: not available

#### Mobility in soil

##### Product:

Distribution among environmental compartments : Remarks: not available

#### Other adverse effects

##### Product:

Results of PBT and vPvB assessment : Remarks: No information is available as no chemical safety report (CSR) is required.

Additional ecological information : The product has not been tested; the labelling is based on products of similar composition or structure  
Product does not contain any organic bound Halogens which could lead to AOX-values.



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### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues	: Product should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary after consultation with the waste disposal operator and/or the competent Authorities
Contaminated packaging	: Packaging that cannot be cleaned should be disposed of as product waste

#### Waste disposal information:

Wastes may be incinerated or landfilled after solidification in approved sites. Follow local regulations.

### SECTION 14. TRANSPORT INFORMATION

TDG	not restricted
IATA	not restricted
IMDG	not restricted

### SECTION 15. REGULATORY INFORMATION

**WHMIS Classification** : E: Corrosive Material

#### Registration status

DSL: no

NDSL: no

The product is not listed on the DSL, however, there is an import limit that allows the Archroma legal entity in Canada to import/market the product in Canada.

#### CEPA

Listed as priority substance: no

Listed as toxic substance: no

**NPRI** no

#### TSCA Status:

This product is not on the TSCA inventory and is considered exempt because it is sold for FDA uses only. Please refer to FCN for appropriate limitations and use restrictions. Any other use will subject the user to penalties under the Toxic Substances Control Act and the regulations issued thereunder.

#### FDA:

Permitted for Use per Section: 21 CFR 176.170, 21 CFR 176.180

Subject to limitations, this product may be used in compliance with the Federal Food, Drug, and Cosmetic Act and all applicable food additive regulations.

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The product does not contain (or concentration is below 0,1%) any substance/impurity, which, according to annex XIV and XV of the REACH Regulation 1907/2006/EC, is listed as an SVHC.

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### SECTION 16. OTHER INFORMATION

Observe national and local legal requirements  
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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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