

Francotyp-Postalia GmbH
Material Safety Data Sheet

according to ANSI Z400.1-2004



FP Contact Clean

Print date : 28.01.2009

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1. Product and Company Identification

Commercial product name

FP Contact Clean

Use of the substance/preparation

Cleaner

Information manufacturer / supplier

Company name : Francotyp-Postalia GmbH
Street : Triftweg 21-26
Place : D--16547 Birkenwerder
Telephone : +49 - 3303 /525-0
Telefax : +49 - 3303 /525-799
e-mail : info@francotyp.com

Inquiry office : IFZ Ingenieurbüro und Consulting GmbH
Telephone: +49 - 30 / 2904897-10
Telefax: +49 - 30 / 2904897-20

Emergency telephone : **Internationale Hotline: +49 6131 / 19240**

Further Information

Apply Safety data sheet to the following products:

Part-No.
58.0033.3345.00
58.0033.3346.00

2. Hazards Identification

Route(s) of entry

Ingestion. Skin contact. Eye contact.

Signs and symptoms of exposure

Repeated or prolonged exposure may cause irritation of eyes and skin.
Any potential hazards are presumed to be due to exposure to the components.

Carcinogenicity (NTP) : None of the ingredients is listed.

Carcinogenicity (IARC) : None of the ingredients is listed.

Carcinogenicity (OSHA) : None of the ingredients is listed.

3. Composition/Information on Ingredients

Chemical characterization (preparation)

Aqueous solution of chemicals (> 90 % water). Contains ammonia water and wetting agent (non-ionic tensides).

Hazardous components

CAS No.	Components	Quantity
67-63-0	Isopropanol	1 - 5 %

4. First Aid Measures

After inhalation

Move to fresh air.

After contact with skin

Wash off with plenty of water. Remove soiled clothing.

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After contact with eyes

Remove contact lenses, if applicable. Rinse the eyes with the lids open for several minutes under running water. If eye irritation persists, consult a specialist.

After ingestion

Do not induce vomiting. Drink water immediately. If symptoms persist, call a physician.

5. Fire Fighting Measures

Suitable extinguishing media

The product is not flammable. Use extinguishing measures that are appropriate to the environment.

Unsuitable extinguishing media

None known.

Special hazards arising from the chemical

Do not breathe fumes.

Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus for fire fighting, if necessary.

6. Accidental Release Measures

Personal precautions

Avoid contact with skin and eyes.

Environmental precautions

Larger amounts: Do not flush into surface water or sanitary sewer system.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder). Dispose of as described in chapter 13.

Waste from residues: Flush into sewer with plenty of water.

7. Handling and Storage

Handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Keep container tightly closed. Avoid contact with skin and eyes. Articles impregnated with the product are to be disposed of immediately (cloth, paper, absorbent material).

Advice on protection against fire and explosion

No special precautions required.

Storage

Requirements for storage rooms and vessels

Store at room temperature in the original container. Keep container tightly closed.

Advice on storage compatibility

No special precautions required.

8. Exposure Controls/Personal Protection

Exposure limit values

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Exposure limits

CAS No.	Components	ppm	mg/m ³	fib/cc	Category	Origin
67-63-0	Isopropyl alcohol	400	980		TWA (8 h)	PEL
		400	980		TWA (8 h)	REL
		200	490		TWA (8 h)	TLV
		500	1225		STEL (15 min)	REL
		400	960		STEL (15 min)	TLV
		-	-		Peak	TLV

Exposure controls

Occupational exposure controls

Not applicable.

Protective and hygiene measures

When using, do not eat, drink, or smoke. Wash hands before breaks and at the end of the workday.
 Remove and wash contaminated clothing before re-use.

Respiratory protection

Do not breathe in vapors.

Hand protection

Avoid prolonged and intensive skin contact. Protective gloves made out of: neoprene

Eye protection

In case of risk of splashing, wear protective glasses.

Skin protection

Not required.

9. Physical and Chemical Properties

Appearance

Form : liquid
 Color : clear
 Odor : camphereous

Important health, safety and environmental information

pH-Value (at 25 °C) :	10 - 10,5	Test method
Changes in the physical state		
Boiling point :	n.d.	
Vapour pressure :	n.d.	
Density (at 23 °C) :	0,992 g/cm ³	
Water solubility :	miscible	

Other information

Autoignition temperature	
Solid :	n.d.a.
Gas :	n.d.a.
Ignition temperature :	n.d.

10. Stability and Reactivity

Stability

Stable

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Conditions to avoid

Protect from freezing.

Materials to avoid

acids, oxidizing agents

Hazardous decomposition products

No dangerous decomposition products known.

Possibility of hazardous reactions

Will not occur

Additional information

No decomposition if stored and applied as directed.

11. Toxicological Information

Acute toxicity

No data is available on the product itself.

Isopropanol:

LD50/oral/rat: 5045 mg/kg (literature value)

LD50/dermal/rabbit: 12800 mg/kg (literature value)

LDlo (oral, human) 3570 mg/kg (literature value)

Specific effects in experiment on an animal

None known.

Corrosive and irritant effects

Repeated or prolonged exposure may cause irritation of eyes and skin.

Sensitising effects

None known.

Carcinogenic/mutagenic/toxic effects for reproduction

None known.

12. Ecological Information

Ecotoxicity

No data is available on the product itself.

Isopropanol:

Acute toxicity to fish: LC50 (96h) *Lepomis macrochirus* 1400 mg/l, *Daphnia* toxicity: EC50 *Daphnia magna* 13299 mg/l/48h, Toxicity to bacteria: EC0 *Pseudomonas putida* 1050 mg/l/16h (literature value)

Mobility

not determined

Persistence and degradability

This product contains > 90 % water .

Non-ionic tensides: Highly biodegradable.

Bioaccumulative potential

not determined

Other adverse effects

not determined

Further information

In the case of appropriate handling and use no ecological problems are to be expected.

13. Disposal Considerations

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Advice on disposal

Disposal in accordance with the official regulations.

14. Transport Information

Further Information

Not classified as dangerous regarding transport regulations.

15. Regulatory Information

U.S. regulations

National inventory TSCA

SARA 302 (extremely hazardous substances):
None of the ingredients is listed.

SARA

Section 313 Toxic Release Chemicals
Isopropyl alcohol (mfg-strong acid process) (CAS 67-63-0).

State regulations

California - Proposition 65:

67-63-0
1336-21-6

Idaho
67-63-0

Maine
67-63-0

Massachusetts
67-63-0
1336-21-6

Pennsylvania
67-63-0
1336-21-6

Minnesota
67-63-0

Washington
67-63-0

Delaware
1336-21-6

New Jersey
1336-21-6

New York
1336-21-6

16. Other Information

Hazardous Materials Information label (HMIS)

Health : 1

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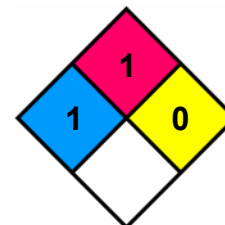
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Flammability : 1
Physical Hazard : 0

NFPA hazard ratings

Health : 1
Flammability : 1
Reactivity : 0
Unique Hazard :



Other data

The information is based on present levels of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The product is to be used exclusively for the applications named in the technical leaflet or in the processing instructions.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

n.a. = not applicable

n.d. = not determined

n.d.a. = No data available.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)