

Issue Date: February 18, 2016

Safety Data Sheet

1. Identification

Product Name: FINE DRY FB-4 NET.420ml
 Product Code: FC-251

Manufacturer Name: FINECHEMICAL JAPAN CO.,LTD.
 Address: 1-15-3 Fukuzumi, Koto-ku, Tokyo, Japan
 TEL: 03-3643-8877
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Recommended use of the chemical and restrictions on use: Release agent and dry lubricant. For professional use.

2. Hazards Identification

GHS Classification

Physical Hazards:	Aerosols	Category 1
Health Hazards:	Skin Corrosion/Irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity (single exposure)	Category 2 (Central nervous system, Kidneys, Systemic toxicity)
		Category 3 (Respiratory tract irritancy, Narcotic effects)
Environmental Hazards:	Acute aquatic hazard	Category 3
	Long-term aquatic hazard	Category 3

*Other hazards are not classified, not applicable or classification not possible.

GHS Label Elements

Symbol:



Signal word: Danger

Hazard Statement:
 Extremely flammable aerosol
 Pressurized container: may burst if heated
 Causes skin irritation
 Causes serious eye irritation
 May cause respiratory irritation
 May cause drowsiness or dizziness
 Suspected of damaging fertility or the unborn child
 May cause damage to organs
 Harmful to aquatic life with long lasting effects

3. Composition/Information on ingredients:

Substance/Mixture	Mixture		
Ingredient	Weight %	CAS No.	
Polytetrafluoroethylene powder	1.3	9002-84-0	
Boron Nitride powder	0.1	10043-11-5	
Zirconium compound	0.7	---	
Butyl acetate	0.4	123-86-4	
1-Butanol	0.3	71-36-3	
Isopropanol	4.0	67-63-0	
Cyclopentane	41.9	287-92-3	
Propane	24.6	74-98-6	
Butane	26.7	106-97-8	
Total	100.0		

4. First – aid measures:

IF ON SKIN: Wash with plenty of water and soap.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice.

Call a doctor if you feel unwell.

If skin irritation occurs: Get medical advice.

If eye irritation persists: Get medical advice.

Take off contaminated clothing and wash it before reuse.

5. Fire Fighting Measures

Extinguishing Media:

Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media:

Do not use water jet as an extinguisher.

Specific hazards arising from the chemical:

Flammable liquid and vapor.

6. Accidental Release Measures

Wear appropriate protective clothing.

Remove ignition sources.

Avoid release to the environment.

7. Handling and Storage

Handling:

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

Storage:

Store in a well-ventilated place. Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 40°C.

8. Exposure Controls/Personal Protection

ACGIH (TLV-TWA)	Isopropanol:200ppm, Cyclopentane:600ppm, Propane:1000ppm
Engineering Controls:	Use adequate general and local exhaust ventilation to maintain exposure levels below that exposure limits.
Personal Protection:	
Skin Protection:	Wear chemical resistant gloves.
Eye Protection:	Safety goggles recommended where eye contact is possible.
Work/Hygiene Practices:	Wash with soap and water after handling.

9. Physical and Chemical Properties

Appearance	White liquid
Odor	Organic solvent odor.
Boiling point	-42°C ~ 83°C
Flash point	Propellant -90°C, Base liquid -42°C
Explosion limit	Lower 1% / Upper 9%
Pressure	0.38MPa (25°C)
Density	0.64 (20°C)

10. Stability and Reactivity

Stability:	Stable under normal conditions of storage and use.
Possibility of hazardous reactions:	React with strong oxidizing agents.
Conditions to Avoid:	Avoid heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers.
Incompatibilities:	Strong oxidizing agents.
Hazardous Decomposition Products:	Hydrofluoric acid, potentially toxic fluorinated compounds, Carbon monoxide and Carbon dioxide.

11. Toxicological information

Acute toxicity:	
Acute Oral toxicity:	Not classified or classification not possible.
Acute Dermal toxicity:	Not classified or classification not possible.
Acute Inhalation toxicity:	Not classified or classification not possible.
Irritation/Corrosion:	The mixture is classified as Category 2.
Eye damage/Irritation:	The mixture is classified as Category 2A.
Sensitization-Respiratory:	Not classified or classification not possible.
Germ cell mutagenicity:	Not classified or classification not possible.
Carcinogenicity:	Not classified or classification not possible.
Toxic to reproduction:	The mixture is classified as Category 2.
Specific target organ toxicity (Single exposure)	The mixture is classified as Category 2 (Central nervous system, Kidneys, Systemic toxicity), Category 3 (Respiratory tract irritancy, Narcotic effects)
Specific target organ toxicity (Repeated exposure)	Not classified or classification not possible.
Aspiration hazard:	Not classified or classification not possible.

12. Ecological Information

Hazardous to the aquatic environment	The mixture is classified as Category 3.
Acute hazard	
Hazardous to the aquatic environment	The mixture is classified as Category 3.
Long term hazard	

13. Disposal Considerations

Make sure containers are empty before discarding.
Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. Transport Information

UN Number:	1950
Proper Shipping Name	AEROSOLS, FLAMMABLE
UN Class	CLASS 2.1

15. Regulatory Information

Follow all regulations in your country or region.

16. Other Information**Notice to reader**

The information contained herein is based on all the information and data that we can obtain as of the date issued. However we do not give guarantee regarding the contents, physical or chemical properties, hazards or harm. All remarks and precautions are premised on ordinary handling and it is the user's responsibility to take enough considerations in case of particular use.