

Issue Date: April 21, 2017

## Safety Data Sheet

### 1. Identification

Product Name: Textile temporary hardener NET.300ml  
 Product Code: FC-205

Manufacturer Name: FINECHEMICAL JAPAN CO.,LTD.  
 Address: 1-15-3 Fukuzumi, Koto-ku, Tokyo, Japan  
 TEL: 03-3643-8877  
 FAX: 03-3643-8890

Recommended use of the chemical and restrictions on use: Textile temporary hardener spray for embroidery, sewing.  
 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 3 (Narcotic effects, Respiratory tract irritancy)
Environmental Hazards:	Acute aquatic hazard	Category 1
	Long-term aquatic hazard	Category 1

\*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  
 Very toxic to aquatic life with long lasting effects

### 3. Composition/Information on ingredients:

Substance/Mixture	Mixture		
Ingredient	Weight %	CAS No.	
2,4,6-Triisopropyl-1,3,5-trioxane	21.7	7580-12-3	
Isoparaffinic hydrocarbon	25.9	68333-81-3	C4~C9 isoparaffin
Cyclopentane	48.0	287-92-3	
Carbon dioxide	4.4	124-38-9	
Total	100.0		

### 4. First – aid measures:

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

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.  
 Collect spillage.

## 5. Fire Fighting Measures

Extinguishing Media: Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).  
 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: 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.  
 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 Wash hands thoroughly after handling.  
 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) TLV-TWA 600ppm Cyclopentane  
 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 Clear liquid  
 Odor Organic solvent odor.  
 Boiling point 49°C ~ 195°C  
 Flash point -42°C  
 Explosion limit Lower 1% / Upper 8%  
 Pressure 0.6MPa (25°C)  
 Density 0.76(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: 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 1A.
Specific target organ toxicity (Single exposure)	The mixture is classified as 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 Acute hazard	The mixture is classified as Category 1.
Hazardous to the aquatic environment Long term hazard	The mixture is classified as Category 1.

**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.