## **SAFETY DATA SHEET**

Manufacturer Fuji Corporation

Address 1-5, Gyokicho, Itami, Hyogo, 664-8615, Japan

Dept in charge Quality control team

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Date February 20, 2023

SDS# 0532

Product name	6000MT	
Summary of hazard & toxicity	GHS classification :	Do not fall into any.
Summary of hazard	PRTR	N-methyl-2-pyrrolidone (NMP) <0.45% Class 1 Designated Chemical Substances (No.746) (After April 1st , 2023)
	Other hazard & toxicity :	Contains reproductively toxic 1-methyl-2-pyrrolidone (NMP).
Materials	Single or Mixture :	Mixture
	Chemical name :	Poly-m-phenylene isophthalamide (general name: Meta-aramid fiber)  - Cas No. 25765-47-3  - CSCL No. 7-1972  Poly-p-phenylene isophthalamide (general name: Meta-aramid fiber)  - Cas No. 26125-61-1  - CSCL No. 7-2384  N-methyl-2-pyrrolidone (NMP)  Content rate < 3.0%  - Cas No. 872-50-4  - CSCL No. 5-113
		Textile oil agent and other substances
First aid measures	Eye contact :	If fibers enter the eye, flush with water. When eyes feel still uncomfortable or get inflamed, refer for medical attention.
	Skin contact :	Wash with clean water and soap after handling.
	Inhalation :	Move the patient to a place where the air is clean.  Obtain medical attention depending on the condition of the patient. Vapor in high density may cause headache, giddiness and nausea.  When you inhale high concentration NMP or decomposition product, move the patient to a place where the air is clean. of the patient.
	Ingestion :	Make the patient drink a large quantity of water to induce vomiting, after which medical attention is needed.

When you burn this product, wear perfect Since it may generate strong static electricity, place the static eliminator in the required place to protect the human body. them might be harmful and irritative.  Extinguishing media:  Water, carbon dioxide, bubble extinguisher, powder extinguisher and AFFF(Aqueous Film-Forming Foam) recommended.  Sweep up. Never flow out in rivers and public waterway. release measures Recommended preparation for handling & storage  Handling:  (1) To avoid inhalation of fibers and dusts, and contact with eye, wear suitable personal protective equipment such as side-shielded gorgle.  (2) Avoid heat, flame and fire. (3) Take care not to give physical damage. (4) There will be little NMP produced when you treat it at room temperature. However, if you heat, dye and/or post-process it, NMP might be transpired to the air and/ or extracted to solvent. That would cause you inhale it and /or your eyes irritated. Wear appropriate protective suit /glasses at handling. Wash hands after handling. Have good ventilation when you heat it.  Storage:  (1) Seal up and store in warehouse to avoid sunlight and rain, otherwise this product might be deteriorated. (2) Take care not to pile up too much in order for the product not to get out of shape.	r	T	
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Stability & Reactivity Self reactability : Nothing Oxidizing : Nothing Dust explosion : Nothing **Explosion limit** : Nothing Stability : Stable at normal temperature Others : Meta-Aramid fiber also start to decompose at about 400 deg. C.. The fiber exposed to UV light for a long time might be changed in quality. Have good ventilation to prevent you from inhaling NMP. Toxicological Acute toxicity: Oral (in the case of NMP): LD50(rat) 4,150mg/kg information Based on similar structure or composition Inhalation: It may cause a healthy disorder by inhaling a decomposition product of the fiber, and the fiber oil. Percutaneous: Inflammation of the skin can be caused in a rare. Skin corrosivity: Unknown Skin irritation: It may feel slight stimulation. (In the case of NMP) Fat will be removed even in small quantities. NMP absorbed in skin might cause eczema-type dermatitis. Eve irritation: May have some trouble by fiber, dust and/or decomposition product of fiber oil. (In the case of NMP) Causse stimulation and conjunctivitis. Sensitization: Unknown Specific target organ toxicity / systemic toxicity - single exposure : Unknown Specific target organ toxicity / systemic toxicity - repeated exposure: (In the case of NMP) In the exposure test(inhalation) using the rat, dyspnea, increase in death, pneumonia, skeletal hypoplasia, atrophy of the thymic lymphoid tissue were found. Unknown Carcinogenicity: Unknown Mutagenicity: Teratogenicity: Unknown Reproductive toxicity: (In the case of NMP) Exposure test result by animal shows that it might cause drop of birth rate, low average weight of baby at birth and birth abnormality. Others: Nothing

Biodegradability:	Unknown	
Bioaccumulation :	Unknown	
Fish toxicity :	Unknown	
Other toxicity :	This product is inherently nonbiodegradable. When you heat this product, the applied surface treatment agent may evaporate or decompose. When you use water for processing, wastewater needs to be treated according to local designation.	
Dispose the waste according to the instruction of waste disposer authorized by the government. Disposal in accordance with the local regulation on solid waste disposal.		
<ul> <li>(1) Protect from psysical damage not to break package.</li> <li>(2) Load steady not to fall down.</li> <li>(3) Avoid use of hooking not to break package.</li> <li>(4) Take care that shipment would not get wet or exposed to sunlight.</li> </ul>		
EUROPE REACH This product contains	ted Chemical Substances (No.746) (After April 1st , 2023) ≦0.45% of NMP listed in "SVHC candidate list of Substances of Very prization as of June 20, 2011.	
	Bioaccumulation:  Fish toxicity:  Other toxicity:  Dispose the waste accegovernment. Disposal  (1) Protect from psysic (2) Load steady not to (3) Avoid use of hookin (4) Take care that ship  PRTR: Class 1 Designal  EUROPE REACH This product contains	

## Remarks

This safety data sheet is based on generally available documents and data, subject to the ordinary handling in industrial usage. It is not necessarily perfect information on hazard and/or safety, and user is asked to please take enough care in handling the product by themselves.

The cautions mentioned as above aim to mention the ordinary handling of the product, not to guarantee the security. Therefore, if the product mentioned in this sheet is handled by any special method, user is asked to take appropriate safety measure.

**Caution**: Do not use this product for medical applications involving inplantation in the human body and/or permanently direct contact with body fluids.