



SAFETY DATA SHEET

According to JIS Z 7253:2019 **Revision date** 05-Jul-2023 Revision Number 5.03

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	Meth	yl Cellulose 4,00	0		_	
Product Code	136-	02155,132-02152				
Supplier Emergency telephone nu Recommended uses Restrictions on use	1-2 Dc Phone Fax: + mber +81-6- For res	FUJIFILM Wako Pure Chemical Corporation 1-2 Doshomachi 3-Chome, Chuo-ku, Osaka 540-8605, Japan Phone: +81-6-6203-3741 Fax: +81-6-6203-2029				
	Sectio	on 2: HAZARDS	DENTIFICAT	ION		
GHS classification Classification of the subs Not a hazardous substance Pictograms Signal word Hazard statements Not a hazardous substa	e or mixture accor None	ding to the Globally Ha				
Precautionary statements • Not applicable Precautionary statements • Not applicable Precautionary statements • Not applicable Precautionary statements • Not applicable	s-(Response) s-(Storage)					
Others Other hazards	Not av	ailable				
Sect	ion 3: COMP	OSITION/INFOR	MATION ON	INGREDIENTS		
Single Substance or Mixt	ure Substa	ance				
Chemical Name	Weight-%	Molecular weight	ENCS	ISHL No.	CAS RN	
Methyl cellulose	=<100	N/A	(8)-186	*	9004-67-5	
Note on ISHL No.: * in the table means announced chemical substances. Impurities and/or Additives: Not applicable Section 4: FIRST AID MEASURES						
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Inhalation

Remove to fresh air. If symptoms persist, call a physician.

Skin contact

Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.

Eye contact

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

Ingestion

Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. Do not induce vomiting without medical advice.

Protection of first-aiders

Use personal protective equipment as required.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media

Water spray (fog), Carbon dioxide (CO2), Foam, Extinguishing powder, Sand

Unsuitable extinguishing media

No information available

Specific hazards arising from the chemical product

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Special extinguishing method

No information available Special protective actions for

Special protective a

fire-fighters

Use personal protective equipment as required. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For indoor, provide adequate ventilation process until the end of working. Deny unnecessary entry other than the people involved by, for example, using a rope. While working, wear appropriate protective equipments to avoid adhering it on skin, or inhaling the gas. Work from windward, and retract the people downwind.

Environmental precautions

To be careful not discharged to the environment without being properly handled waste water contaminated.

Methods and materials for contaminent and methods and materials for cleaning up

Sweep up and gather scattered particles, and collect it in an empty airtight container.

Recoverly, neutralization

No information available

Secondary disaster prevention measures

Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7: HANDLING AND STORAGE

Handling

Technical measures

Avoid contact with strong oxidizing agents. Use with local exhaust ventilation.

Precautions

Do not rough handling containers, such as upsetting, falling, giving a shock, and dragging. Prevent leakage, overflow, and scattering. Not to generate steam and dust in vain. Seal the container after use. After handling, wash hands and face, and then gargle. In places other than those specified, should not be smoking or eating and drinking. Should not be brought contaminated protective equipment and gloves to rest stops. Deny unnecessary entry of non-emergency personnel to the handling area.

Safety handling precautions

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Storage

Safe storage conditions

Storage conditions

Store away from sunlight in well-ventilated place at room temperature (preferably cool).

Safe packaging material Incompatible substances

Keep container tightly closed. Polyethylene Strong oxidizing agents

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls

In case of indoor workplace, seal the source or use a local exhaust system. Provide the safety shower facility, and handand eye-wash facility. And display their position clearly.

Exposure limits

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This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Personal protective equipment Respiratory protection Hand protection Eye protection Skin and body protection

Dust mask (JIS T 8151) chemical protective gloves (JIS T 8116) protective eyeglasses or chemical safety goggles Long-sleeved work clothes

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

ColorWhite - slightly brownAppearancepowderOdorOdorlessMelting point/freezing pointno data availableBoiling point, initial boiling point and boiling rangeno data availableFlammabilityno data availableEvaporation rate:no data availableFlammability (solid, gas):no data availableUpper/lower flammability orexplosive limitsupper:no data availableLower:no data availableFlash pointno data availableAuto-ignition temperature:no data availablepHno data availableViscosity (coefficient of viscosity)3,500 - 5,600 mPa • s (2 % , 20 °C, calculated on the dried basis)Dynamic viscosityno data availableSolubilitieswater : soluble .n-Octanol/water partition coefficient:(log Pow)no data availableVapour densityno data availableVapour densityno data availableVapour densityno data availableParticle characteristicsno data available	Form	
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Particle characteristics no data available		
	Particle characteristics	no data available

Section 10: STABILITY AND REACTIVITY

Stability

 Reactivity
 no data available

 Chemical stability
 Stable under recommended storage conditions.

 Hazardous reactions
 Stable under recommended storage conditions.

 None under normal processing
 Conditions to avoid

 Extremes of temperature and direct sunlight, Moisture

Incompatible materials Strong oxidizing agents Hazardous decomposition products

Carbon monooxide (CO), Carbon dioxide (CO2)

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity

no data available

Skin irritation/corrosion	no data available
Serious eye damage/ irritation	no data available
Respiratory or skin sensitization	no data available
Reproductive cell mutagenicity	no data available
Carcinogenicity	no data available
Reproductive toxicity	no data available
STOT-single exposure	no data available
STOT-repeated exposure	no data available
Aspiration hazard	no data available

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity

No information available

Other data no data available

Persistence and degradabilityNo information availableBioaccumulative potentialNo information availableMobility in soilNo information availableHazard to the ozone layerNo information available

Section 13: DISPOSAL CONSIDERATIONS

Waste from residues

Disposal should be in accordance with applicable regional, national and local laws and regulations. **Contaminated container and contaminated packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14: TRANSPORT INFORMATION

ADR/RID UN number Proper shipping name: UN classfication Subsidiary hazard class Packing group	Not regulated -
Marine pollutant	Not applicable
IMDG UN number Proper shipping name: UN classfication Subsidiary hazard class Packing group	Not regulated -
Marine pollutant (Sea)	Not applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code IATA UN number Proper shipping name: UN classfication	No information available Not regulated -			
Subsidiary hazard class Packing group Environmentally Hazardous Substance	Not applicable			
Section 15: REGULATORY INFORMATION				
Japanese regulations Fire Service Act Poisonous and Deleterious Substances Control Law Industrial Safety and Health Ac Regulations for the carriage	Not applicable Not applicable tNot applicable Not applicable			
and storage of dangerous goods in ship Civil Aeronautics Law Pollutant Release and Transfer Register Law	Not applicable			
(2023.4.1-) Export Trade Control Order	Not applicable			
Section 16: OTHER INFORMATION				
Key literature references and sources for data etc.	NITE: National Institute of Technology and Evaluation (JAPAN) http://www.safe.nite.go.jp/japan/db.html IATA dangerous Goods Regulations RTECS:Registry of Toxic Effects of Chemical Substances Japan Industrial Safety and Health Association GHS Model SDS Dictionary of Synthetic Oraganic Chemistry , SSOCJ, Koudansha Scientific Co.Ltd. Chemical Dictionary, Kyouritsu Publishing Co., Ltd. etc			
Record of SDS revisions	The following contents were revised. Prodauct and company Identification. Composition/information on ingredients. Exposure controls/personal protection. Physical and chemical properties. Stability and reactivity. Regulatory information.			

Disclaimer

This SDS is according to JIS Z 7253: 2019. 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, 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.

GHS Classification is according to JIS Z 7252:2019. *JIS: Japanese Industrial Standards

End of Safety Data Sheet