

Preparation Date 2020/05/18
Revision Date

Safety Data Sheet (SDS)

Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier CompactDryBC
 Product Code 54018 , 54068
 Company Name NISSUI PHARMACEUTICAL CO.,LTD.
 Address 3-24-6, Ueno, Taito-ku, Tokyo, JAPAN
 Company Contact QUALITY ASSURANCE DEPARTMENT
 Phone Number +81-3-5846-5613
 Fax Number +81-3-5846-5619
 Mail Address yakuji@nissui-pharm.co.jp
 Emergency Phone Number +81-3-5846-5613

Section 2 – HAZARDS IDENTIFICATION

GHS Classification

No applicable GHS classification data

Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance or Mixture Mixture

Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCS No./ISHL No.		CAS RN
			ENCS No.	ISHL No.	
Mixture of chemical and biological substances	1.106%	Unknown	Unknown	Unknown	Unknown
Cellulose	0.750%	Unknown	Unknown	Unknown	Unknown
Polystyrene	98.144%	Unknown	(6)-120	existing	9003-53-6

Impurities and/or Stabilizing Additives which

No information available

Section 4 – FIRST AID MEASURES

Inhalation

Remove person to fresh air and keep comfortable for breathing.

Skin Contact

Call a doctor if you feel unwell.
 Call a doctor if you feel unwell.
 Wash with soap and water.
 If skin irritation or rash occurs, get medical advice and attention.

Eye Contact

When the ocular stimulation lasts, Seek medical treatment and advice.
 Rinse cautiously with water for several minutes.

Ingestion

Rinse mouth.
 Call a doctor if you feel unwell.

Section 5 – FIRE FIGHTING MEASURES

Extinguishing Media

Large fires: Water spray, fog or regular foam.

Small fires: Dry chemical, CO2 or water spray.
 Large fires: Dry chemical, CO2, alcohol-resistant foam or water spray.
 Small fires: CO2, dry chemical, dry sand, and alcohol-resistant foam.
 Large fires: Water spray, fog or alcohol-resistant foam.

Non-combustible, substance itself does not burn.

Use extinguishing agent suitable for type of surrounding fire.

DRY sand, graphite powder, dry sodium chloride based extinguishers, G-1 or Met-L-X powder.

Small fires: Dry chemical, dry sand, alcohol-resistant foam.

Straight streams.

Unsuitable Extinguishing Media

Water, foam or CO2.

Specific Hazards

Fire may produce irritating, corrosive and/or toxic gases.

Containers may explode when heated.

Fire may produce irritating and/or toxic gases.

Containers may explode when heated or if contaminated with water.

May be ignited by friction, heat, sparks or flames.

Some of these materials will burn with intense heat.

Dusts or fumes may form explosive mixtures in air.

Containers may explode when heated.

Hydrogen gas may be generated if using water to extinguish a metal fire. Particularly in an enclosed environment (building, cargo warehouse), extremely dangerous explosion may occur.

Specific Fire Fighting

Move containers from fire area if you can do it without risk.

Cool containers with flooding quantities of water until well after fire is out.

Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.

For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

Do not get water inside containers.

Confining and smothering metal fires is preferable rather than applying water.

If impossible to extinguish, protect surroundings and allow fire to burn itself out.

Protection of Fire Fighter

In fire fighting, wear respiratory protection and chemical protective clothing.

Section 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions,
Protective Equipment and
Emergency Procedures

Do not touch or walk through spilled material.

Isolate the site as a leak area by providing a zone that has an appropriate width to all directions.

Keep unauthorized personnel away.

Stay upwind.

	<p>Wear appropriate personal protective equipment (Refer to "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION") and avoid inhalation or contact with eyes and skin.</p> <p>Keep out of low areas.</p> <p>Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.</p>
Environmental Precautions	<p>Ventilate closed spaces before entering.</p> <p>Do not release into the environment.</p> <p>Pay attention not to cause the influence on the environment by discharging into rivers.</p> <p>This product is water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.</p>
Methods and Equipment for Containment and	<p>All equipment used when handling the product must be grounded.</p> <p>Stop leak if you can do it without risk.</p> <p>Small spills; cover with DRY earth, DRY sand, or other non-combustible material followed with plastic sheet to minimize spreading or contact with rain.</p> <p>For Chlorosilanes; use AFFF alcohol-resistant medium expansion foam to reduce vapors.</p> <p>Allow material to solidify, and scrape up.</p> <p>This material creates a fire hazard because it floats on water. If possible, try to contain floating material.</p> <p>After removal, flush contaminated area thoroughly with water.</p> <p>Vapor can be controlled using a water fog. Water streams should not be directed to the liquid as this will cause the liquid to boil and generate more vapor.</p> <p>Reduce airborne dust and prevent scattering by moistening with water.</p> <p>Small spills; Use clean non-sparking tools to collect material and place it into loosely covered plastic containers for later disposal.</p> <p>Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.</p> <p>Collect the leakage by scraping up and put it into an empty container that can be closed tightly. Dispose of it later.</p> <p>Vacuum or sweep up material and place in a disposal container.</p> <p>Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.</p>
Prevention Measures for Secondary Accidents	<p>Remove from water surface by skimming or with suitable absorbents. Do not use dispersants.</p> <p>Removes all ignition sources promptly. (Prohibition of smoking, sparks, and flames in the surrounding area).</p> <p>Prevent flowing into drain, sewage, basement, and closed area.</p>

Do not get water inside containers.
Prevent dispersion by covering with plastic sheets.

Remove thoroughly since the smooth and slippery surface will be formed on the floor.

Section 7 – HANDLING AND STORAGE

Handling	Technical Measures	Provide ventilation system and use necessary personal protective equipment as described in "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION".
	Precautions for Safe Handling	Prohibit use of heat, sparks, and fire in the surrounding area. Wash hand thoroughly after handling. Avoid swallowing. Avoid contact with skin. Avoid breathing dust and fume. Avoid breathing gas.
Storage Precautionary Statements	Prevents Handling of Incompatible	Refer to "Section 10 – STABILITY AND REACTIVITY".
	Specific Hygiene Measures	Wash hand thoroughly after handling.
	Conditions for Safe Storage	The storage facility should be provided with necessary lighting, lighting equipment, and ventilator to store and handle dangerous goods. The storage facility should be designed with fire-proof construction and beams should use a non-combustible material. The roof of a storage facility should be made of a non-combustible material and use metals or other lightweight non-combustible materials. No ceiling should be installed. The storage floor should be protected from water penetration, or should have water-proof construction. Refer to "Section 10 – STABILITY AND REACTIVITY". No specific technical measures are required. Keep away from heat, sparks, open flames and hot surfaces. No smoking. Store away from oxidants. Store in a well-ventilated place keeping cool. Store in a tightly closed container.
	Material Used in Packaging/Containers	Use containers prescribed in the "Fire Service Law (Japan)" and the "UN Transport Regulations". Use the containers prescribed in the "Fire Service Law (Japan)". Use the containers prescribed in the "UN Transport Regulations". Packaging materials and containers are not legislated, but use sturdy and closed-type containers.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	Use explosion-proof electrical, ventilating and lighting equipment. No special ventilation requirements.
----------------------	---

Facilities storing or utilizing this product should be equipped with an eyewash facility and safety shower.

Personal Protective Equipment No information available

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Physical State	solid
	Form	solid (sheet)
	Colour	No data available
Odour		No data available
Odour threshold		No data available
pH		7.2~7.6
Melting Point/Freezing Point		No data available
Initial Boiling Point and Boiling Ranges		No data available
Flash Point		No data available
Evaporation Rate		No data available
Flammability (solid, gas)		No data available
Flammability or Explosive Limits	Lower Limit	No data available
	Upper Limit	No data available
Vapour Pressure		No data available
Vapour Density		No data available
Specific Gravity (Density)		No data available
Solubility		No data available
Partition Coefficient : n-Octanol/Water		No data available
Auto-Ignition Temperature		No data available
Decomposition Temperature		No data available
Viscosity		No data available
Kinematic viscosity		No data available

Section 10 – STABILITY AND REACTIVITY

Reactivity		No information available
Chemical stability		No information available
Possibility of Hazardous Reaction		No information available
Conditions to Avoid		No information available
Incompatible Substances or Mixtures		No information available
Hazardous Decomposition Products		No information available

Section 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity	Oral	Unable to classify due to insufficient data.
	Dermal	Unable to classify due to insufficient data.
	Inhalation	(gas)

	Does not fall under gas based on GHS definitions.
	(vapour)
	Unable to classify due to insufficient data.
	(dust and mist)
Skin Corrosion/Irritation	Unable to classify due to insufficient data.
	Unable to classify due to insufficient data.
Serious eye damage/eye irritation	Unable to classify due to insufficient data.
Respiratory or Skin Sensitization	(respiratory)
	Unable to classify due to insufficient data.
	(skin)
Germ Cell Mutagenicity	Unable to classify due to insufficient data.
	Unable to classify due to insufficient data.
Carcinogenicity	Unable to classify due to insufficient data.
Reproductive Toxicity	(Reproductive toxicity)
	Unable to classify due to insufficient data.
	(Reproductive toxicity, effects on or via lactation)
	Unable to classify due to insufficient data.
Specific target organ toxicity (single exposure)	Unable to classify due to insufficient data.
	Unable to classify due to insufficient data.
Specific target organ toxicity (repeated exposure)	Unable to classify due to insufficient data.
Aspiration Hazard	Classified as Classification not possible since the kinematic viscosity is unknown.
Section 12 – ECOLOGICAL INFORMATION	
Hazardous to the aquatic environment (acute)	Classified as Not classified since the sum of (M × 100 × Category 1) + (10 × Category 2) + Category 3 ingredients is 0%. Changed from Not classified to Classification not possible since the mixture contains unknown ingredients.
Hazardous to the aquatic environment (long-term)	Classified as Not classified since the sum of (M × 100 × Category 1) + (10 × Category 2) + Category 3 ingredients is 0%. Changed from Not classified to Classification not possible since the mixture contains unknown ingredients.
Hazardous to the ozone layer	Unable to classify due to insufficient data.
Section 13 – DISPOSAL CONSIDERATIONS	
Residual Waste	Before disposal, make the wastes harmless, stabilized, and neutralized, and minimize danger and toxicity of the wastes. Since it indicates strong alkali, dispose of it after neutralizing with acid. Since it indicates strong acid, dispose of it after neutralizing with alkali.

Solution, as it indicates strong alkali, should be disposed of after neutralizing with acid.
 Solution, as it indicates strong acid, should be disposed of after neutralizing with alkali.
 Disposal should be in accordance with applicable regulations and standards by the respective local governments.
 Commission a waste disposal company, or a local public body who are licensed by local or regional government, to dispose of the material.
 When commissioning the disposal to a disposal company, notify the danger and toxicity thoroughly to the company.
 Comply with the standards for The Special Control Industrial Wastes under the Waste Disposal Public Cleansing Law (Japan) to dispose of the concerned wastes.
 Do not release waste liquid containing the product and used water for cleansing into rivers, etc., or do not discharge the concerned wastes intact for reclamation.
 When disposing of gases under pressure, comply with the provisions of the enforcement regulations of the High Pressure Gas Safety Law (Japan).

When disposing of explosives, comply with the provisions of the enforcement regulations of the Explosives Control Law (Japan).
 Dispose according to local government classification.

Outsource to a specialized waste disposal contractor licensed by the prefectural governor.
 Recycle containers after cleansing, or carry out the disposal under the related laws and regulations and the standards of the local governments.

In case of disposal of empty containers, remove the content thoroughly.
 In case of the disposal of high-pressure gas cylinders, request collection of cylinders to experts such as the manufacturers.
 If discarding spray cans, follow the regulations provided by the respective local governments, the disposal systems of which differ by the governments.

Dispose according to local government classification.
 Outsource to a specialized waste disposal contractor licensed by the prefectural governor.

Contaminated Container and Packaging

Section 14 – TRANSPORT INFORMATION

International Regulations	Regulatory Information by Sea	Not regulated
	Marine Pollutant	Not applicable
	Transport in bulk according to MARPOL 73/78,Annex II ,and	Not applicable

	Regulatory Information by Air	Not regulated
Regulations in Japan	Regulatory Information by Road	Not regulated
	Regulatory Information by Sea	Not regulated
	Marine Pollutant Transport in bulk according to MARPOL 73/78,Annex II ,and	Not applicable
	Regulatory Information by Air	Not applicable
Emergency Response Guide Number		None

Section 15 – REGULATORY INFORMATION
No main regulations

Section 16 – OTHER INFORMATION
Information Contact

NISSUI PHARMACEUTICAL CO., LTD.

TEL +81-3-5846-5613
FAX +81-3-5846-5619
Email yakiji@nissui-pharm.co.jp

Other Property

The descriptions are based on the materials, information and data currently available in accordance with the laws and regulations applicable in Japan, but no guarantees are made regarding their content, physicochemical properties, dangers or hazards.

The precautions are for normal handling. For special handling, implement safety measures appropriate for the application and usage.

For general precautions, precautions for use or handling, or disposal precautions, etc., please read the label and instruction manual carefully before using the product.