SAFETY DATA SHEET

This safety data sheet complies with the requirements of:
JIS Z 7253:2012, Japan

Issuing Date 26-Aug-2016 **Revision Date** 08-Nov-2018 **Revision Number** 3

Japan / English

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name **PhenoCure Powder & PreMolds**

Product Code(s) 20-3100-080, 20-3100-400, 20-3100-500, 20-3200-080, 20-3200-400, 20-3200-500, 20-3300-080, 20-3300-400, 20-3300-500, 20-3111-501, 20-3112-501, 20-3113-501, 20-10090, 20-3212-501, 20-3213-501, 20-331-501, 20-3313-501

(M)SDS Number 1346828_J

Other means of identification

Synonyms No information available

Registration Number(s) No information available

Recommended use of the chemical and restrictions on use

Recommended Use Laboratory Use Only

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Buehler

Manufacturer Address Loop-X 6th Floor 3-9-15
kaigan Minato-ku, Tokoyo 108-0022
www.buehler.com/Japan

Phone number +81 (0)3 5439 5077

E-mail Address info.japan@buehler.com

Legal Entity ITW Japan KK
Legal Entity Address 1-4-4, Kitasuna, Koto-ku, Tokyo

Emergency telephone number

Global Access Code: 334545
Asia Pacific: +1 760 476 3960
Middle East/Africa: +1 760 476 3959
Japan: +81 36 8908677
Americas: +1 760 476 3962
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2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity - Inhalation (Gases)	Category 3

Acute toxicity - Inhalation (Vapors)	Category 3
Acute toxicity - Inhalation (Dusts/Mists)	Category 3
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Germ cell mutagenicity	Category 2
Carcinogenicity	Category 2
Reproductive toxicity	Category 1B
Specific target organ toxicity (single exposure)	Category 2
Category 2 Respiratory system, Cardiovascular system, Kidneys, Nervous system.	
Specific target organ toxicity (repeated exposure)	Category 2
Category 2 Kidneys, Systemic Toxicity, Respiratory system, blood system, Cardiovascular system, Central nervous system, Digestive System, Liver, Spleen, Thymus.	
Acute aquatic toxicity	Category 1
Chronic aquatic toxicity	Category 1

Label elements

Signal word **Danger**

Hazard statements

H315 - Causes skin irritation
H319 - Causes serious eye irritation
H317 - May cause an allergic skin reaction
H341 - Suspected of causing genetic defects
H373 - May cause damage to organs through prolonged or repeated exposure
H371 - May cause damage to the following organs: Respiratory system, Cardiovascular system, Kidneys, Nervous system.
H373 - May cause damage to the following organs through prolonged or repeated exposure: Kidneys, Systemic Toxicity, Respiratory system, blood system, Cardiovascular system, Central nervous system, Digestive System, Liver, Spleen, Thymus.

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
Contaminated work clothing should not be allowed out of the workplace
Do not breathe dust/fume/gas/mist/vapors/spray
Do not eat, drink or smoke when using this product
Avoid release to the environment
Wear protective gloves/protective clothing/eye protection/face protection
Precautionary Statements - Response
IF exposed or concerned: Get medical advice/attention
Specific treatment (see supplemental first aid instructions on this label)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor
IF ON SKIN: Wash with plenty of water and soap
Take off contaminated clothing and wash it before reuse
If skin irritation or rash occurs: Get medical advice/attention
IF INHALED: Remove person to fresh air and keep comfortable for breathing
Call a POISON CENTER or doctor
Collect spillage

Precautionary Statements - Storage
Store locked up
Store in a well-ventilated place. Keep container tightly closed
Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Other hazards
Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable

Mixture

Chemical name	Weight-%	ENCS - Japan Existing and New Chemical Substances	ISHL No.	CAS-No
Phenol-formaldehyde polymer	30 - 60%	(7)-903	Present	9003-35-4
Mica	10 - 20%	No information available	No information available	12001-26-2
Coal, anthracite	1 - 10%	No information available	No information available	8029-10-5
Methenamine	1 - 10%	(5)-1155	Present	100-97-0
Carbon black	1 - 10%	(5)-5222,(5)-3328	Present	1333-86-4
Talc	1 - 10%	(1)-468	Present	14807-96-6
Kaolin	1 - 10%	(1)-20	Present	1332-58-7
Graphite	1 - 10%	No information available	No information available	7782-42-5
Cellulose	1 - 10%	(5)-6960	No information available	9004-34-6
Calcium hydroxide	1 - 10%	(1)-181	Present	1305-62-0
Phenol	1 - 3.5%	(3)-481	Present	108-95-2
Formaldehyde	< 0.03%	(2)-482	Present	50-00-0

Pollutant Release and Transfer Registry (PRTR)
The table below indicates ingredients above the cut-off threshold considered as relevant which are listed.

Chemical name	Weight-%	Class	Cabinet order number	Relevant substance, conversion factor
Methenamine 100-97-0	1 - 10%	Class I designated chemical substance	1-258	
Phenol 108-95-2	1 - 3.5%	Class I designated chemical substance	1-349	
Formaldehyde 50-00-0	< 0.03%	Specific class I designated chemical substance	1-411	

Industrial Safety and Health Law
ISHL Notifiable Substances - information (safety data sheet) to be supplied; Industrial Safety and Health Law enforcement order Table 9 (related to Industrial Safety and Health Law article 57-2 and ISHL Ordinance Article 34-2-4)

Chemical name	ISHL Notifiable Substances	Threshold Values (%)
Carbon black 1333-86-4	ISHL Notifiable Substances	0.1
Calcium hydroxide 1305-62-0	ISHL Notifiable Substances	1
Phenol 108-95-2	ISHL Notifiable Substances	0.1
Formaldehyde 50-00-0	ISHL Notifiable Substances	0.1

Poisonous and Deleterious Substances Control Law

Chemical name	Poisonous and Deleterious Substances	Threshold Values (%)
Phenol 108-95-2	Deleterious	>5
Formaldehyde 50-00-0	Deleterious	>1

4. FIRST AID MEASURES

First aid measures

General advice Immediate medical attention is required. Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.

Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur. IF exposed or concerned: Get medical advice/attention. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not breathe dust. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen.

Eye contact Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.

Skin contact Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. If symptoms persist, call a physician.

Ingestion Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician or Poison Control Center immediately.

Symptoms Burning sensation. Itching. Rashes. Hives. Coughing and/ or wheezing. Difficulty in breathing.

Self-protection of the first aider Avoid contact with skin, eyes or clothing. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Do not breathe dust. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Use personal protective equipment as required. See section 8 for more information.

Note to physicians May cause sensitization in susceptible persons. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties Not flammable.

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical Product is or contains a sensitizer. May cause sensitization by skin contact.

Special Extinguishing Media Cool drums with water spray.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid generation of dust. Do not breathe dust.

Other Information Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions Prevent further leakage or spillage if safe to do so.

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

Reference to other sections See section 8 for more information. See section 13 for more information.

7. HANDLING AND STORAGE

Handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes. Do not breathe dust. Avoid generation of dust. Handle product only in closed system or provide appropriate exhaust ventilation.

Storage

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Do not breathe dust. Take off contaminated clothing and wash before reuse. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure guidelines .

Chemical name	Japan	ISHL Working Environmental Evaluation Standards - Administrative Control Levels	ACGIH TLV
Mica 12001-26-2	-	-	TWA: 3 mg/m^3
Coal, anthracite 8029-10-5	-	-	TWA: 0.4 mg/m^3 dust, respirable fraction
Carbon black	TWA: 4 mg/m^3	-	TWA: 3 mg/m^3 inhalable

1333-86-4	TWA: 1 mg/m³		fraction
Talc 14807-96-6	TWA: 0.5 mg/m³ TWA: 2 mg/m³	-	TWA: 2 mg/m³
Kaolin 1332-58-7	-	-	TWA: 2 mg/m³ particulate matter containing no asbestos and <1% crystalline silica, respirable fraction
Graphite 7782-42-5	TWA: 2 mg/m³ TWA: 0.5 mg/m³	-	TWA: 2 mg/m³ respirable particulate matter all forms except graphite fibers
Cellulose 9004-34-6	-	-	TWA: 10 mg/m³
Calcium hydroxide 1305-62-0	-	-	TWA: 5 mg/m³
Phenol 108-95-2	TWA: 5 ppm TWA: 19 mg/m³ S*	-	TWA: 5 ppm S*
Formaldehyde 50-00-0	Ceiling: 0.2 ppm Ceiling: 0.24 mg/m³ TWA: 0.1 ppm TWA: 0.12 mg/m³	0.1 ppm	Ceiling: 0.3 ppm

Biological occupational exposure limits Not applicable

Chemical name		ACGIH - American Conference of Governmental Industrial Hygienists
Phenol 108-95-2		250 mg/g creatinine

Engineering controls Showers
Eyewash stations
Ventilation systems.

Personal protective equipment

Eye/face protection Tight sealing safety goggles.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing.

Hand protection Wear suitable gloves. Impervious gloves.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Environmental exposure controls No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Granular
Appearance	Black Red Green
Odor	Phenolic
Color	No information available
Odor Threshold	No information available

Property	**Values**	**Remarks Method**
pH	No data available	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known

Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	No data available	None known
Water Solubility	Virtually insoluble	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Viscosity	No data available	None known
Explosive properties	No information available	
Oxidizing properties	No information available	

Other Information

Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	Not applicable
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

10. STABILITY AND REACTIVITY

Reactivity No information available.

Stability Stable under normal conditions.

Explosion Data

Sensitivity to Mechanical Impact None

Sensitivity to Static Discharge None

Possibility of hazardous reactions None under normal processing.

Conditions to avoid Excessive heat.

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.

Hazardous Decomposition Products None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. Toxic by inhalation. (based on components).

Eye contact Specific test data for the substance or mixture is not available. Severely irritating to eyes. Causes serious eye damage. May cause burns. May cause irreversible damage to eyes. (based on components).

Skin contact Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with

susceptible persons. (based on components). Causes skin irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms Redness. Burning. May cause blindness. Itching. Rashes. Hives. May cause redness and tearing of the eyes. Coughing and/ or wheezing. Difficulty in breathing.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	6,565.70 mg/kg
ATEmix (dermal)	3,181.80 mg/kg
ATEmix (inhalation-gas)	707.07 mg/L
ATEmix (inhalation-dust/mist)	0.51 mg/L
ATEmix (inhalation-vapor)	3.03 mg/L

Unknown acute toxicity

74 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
90 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
98 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
98 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
98 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Numerical measures of toxicity - Component Information

Chemical name	LD50 Oral	LD50 Dermal	Inhalation LC50
Phenol-formaldehyde polymer 9003-35-4	> 5 g/kg (Rat)	> 2 g/kg (Rat)	
Methenamine 100-97-0	= 9200 mg/kg (Rat)	> 2000 mg/kg (Rat)	
Carbon black 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	
Kaolin 1332-58-7	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rat)	
Cellulose 9004-34-6	> 5 g/kg (Rat)	> 2 g/kg (Rabbit)	> 5800 mg/m³ (Rat) 4 h
Calcium hydroxide 1305-62-0	= 7340 mg/kg (Rat)		
Phenol 108-95-2	= 317 mg/kg (Rat) = 340 mg/kg (Rat)	= 630 mg/kg (Rabbit)	= 316 mg/m³ (Rat) 4 h
Formaldehyde 50-00-0	= 100 mg/kg (Rat)	= 270 mg/kg (Rabbit)	= 0.578 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Classification based on data available for ingredients. Irritating to skin.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.

Respiratory or skin sensitization May cause sensitization by skin contact.

Germ cell mutagenicity Contains a known or suspected mutagen. Classification based on data available for ingredients.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for ingredients.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	Carcinogenicity	IARC
Carbon black 1333-86-4	2	Group 2B
Talc 14807-96-6		Group 3 Group 2B
Phenol 108-95-2		Group 3
Formaldehyde 50-00-0	1A	Group 1

Legend:

IARC (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans
Group 2B - Possibly Carcinogenic to Humans
Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity Contains a known or suspected reproductive toxin. Classification based on data available for ingredients.

STOT - single exposure Based on the classification criteria of the Globally Harmonized System as adopted in the country or region with which this safety data sheet complies, this product has been determined to cause systemic target organ toxicity from acute exposure. (STOT SE). May cause damage to organs if inhaled.

STOT - repeated exposure No information available.

Target Organ Effects Respiratory system. Eyes. Skin. May affect the genetic material in germ cells (sperm and eggs). Gastrointestinal tract (GI). Central Vascular System (CVS). Kidney. Liver. Lungs. Lymphatic System. Blood. Cardiovascular system. Digestive System. Spleen. Thymus. Central nervous system (CNS). Bladder. Systemic Toxicity.

Aspiration hazard No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Percentage for unknown hazards 0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Ecotoxicity Very toxic to aquatic life with long lasting effects. .

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Methenamine		96h LC50: 44600 - 55600 mg/L (Pimephales promelas)	-	48h EC50: 29868 - 43390 mg/L
Carbon black			-	24h EC50: > 5600 mg/L
Talc		96h LC50: > 100 g/L (Brachydanio rerio)	-	
Calcium hydroxide		96h LC50: = 160 mg/L (Gambusia affinis)	-	
Phenol	96h EC50: = 46.42 mg/L (Pseudokirchneriella subcapitata) 96h EC50: 0.0188 - 0.1044 mg/L	96h LC50: 11.9 - 50.5 mg/L (Pimephales promelas) 96h LC50: 20.5 - 25.6 mg/L (Pimephales promelas) 96h LC50: = 32 mg/L	EC50 21 - 36 mg/L 30 min EC50 = 23.28 mg/L 5 min EC50 = 25.61 mg/L 15 min	48h EC50: 4.24 - 10.7 mg/L 48h EC50: 10.2 - 15.5 mg/L

	(Pseudokirchneriella subcapitata) 72h EC50: 187 - 279 mg/L (Desmodesmus subspicatus)	(Pimephales promelas) 96h LC50: 5.449 - 6.789 mg/L (Oncorhynchus mykiss) 96h LC50: 7.5 - 14 mg/L (Oncorhynchus mykiss) 96h LC50: 4.23 - 7.49 mg/L (Oncorhynchus mykiss) 96h LC50: 5.0 - 12.0 mg/L (Oncorhynchus mykiss) 96h LC50: 11.9 - 25.3 mg/L (Lepomis macrochirus) 96h LC50: = 11.5 mg/L (Lepomis macrochirus) 96h LC50: = 13.5 mg/L (Lepomis macrochirus) 96h LC50: 34.09 - 47.64 mg/L (Poecilia reticulata) 96h LC50: = 31 mg/L (Poecilia reticulata) 96h LC50: = 27.8 mg/L (Brachydanio rerio) 96h LC50: = 0.00175 mg/L (Cyprinus carpio) 96h LC50: 33.9 - 43.3 mg/L (Oryzias latipes) 96h LC50: 23.4 - 36.6 mg/L (Oryzias latipes)	EC50 = 28.8 mg/L 5 min EC50 = 31.6 mg/L 15 min	
Formaldehyde		96h LC50: 22.6 - 25.7 mg/L (Pimephales promelas) 96h LC50: = 1510 µg/L (Lepomis macrochirus) 96h LC50: 0.032 - 0.226 mL/L (Oncorhynchus mykiss) 96h LC50: 100 - 136 mg/L (Oncorhynchus mykiss) 96h LC50: = 41 mg/L (Brachydanio rerio) 96h LC50: 23.2 - 29.7 mg/L (Pimephales promelas)	EC50 = 1.2 mg/L 1 h EC50 = 16.5 mg/L 30 min EC50 = 3.7 mg/L 5 h EC50 = 5.39 mg/L 72 h EC50 = 6.81 mg/L 25 min EC50 = 7.26 mg/L 15 min EC50 = 9.0 mg/L 5 min	48h LC50: = 2 mg/L 48h EC50: 11.3 - 18 mg/L

Persistence and Degradability No information available.

Bioaccumulation

Component Information

Chemical name	Log Pow
Phenol	1.5
Formaldehyde	0.35

Mobility in soil No information available.

Mobility No information available.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

14. TRANSPORT INFORMATION

IMDG NOT REGULATED

ADR NOT REGULATED

IATA NOT REGULATED
Proper Shipping Name NON REGULATED

Japan
Hazard Class N/A

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

National Regulations

Japan

Pollutant Release and Transfer Registry (PRTR)
See section 3 for more information

Industrial Safety and Health Law

Substances under special supervision
Specified chemical substance subject to article 38-3 and 38-4 of the Ordinance on Prevention of Hazards Due to Specified Chemical Substances
Harmful Substances Whose Names Are to be Indicated on the Label
Harmful Substances - names to be indicated on the label; Industrial Safety and Health Law enforcement order Table 9 (related to Industrial Safety and Health Law article 57 and ISHL Ordinance Article 33)
ISHL Notifiable Substances
ISHL Notifiable Substances - information (safety data sheet) to be supplied; Industrial Safety and Health Law enforcement order Table 9 (related to Industrial Safety and Health Law article 57-2 and ISHL Ordinance Article 34-2-4)
ISHL Working Environmental Evaluation Standards - Administrative Control Levels
Subject to working environment measurements (related to Industrial Safety and Health Law Enforcement Order article 21 and Working Environment Evaluation Standards - administrative control levels)
For further specification, refer to section 8 of the SDS

Fire Service Law:
Not applicable
Designated materials requiring notification
Materials that require notification to the local Fire Chief (Fire Service Act Art.9-3, Cabinet Order Concerning the Control of Hazardous Materials Art.1-10)

Chemical name	Threshold limits
Formaldehyde - 50-00-0	200 kg

Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (CSCL)
The table below indicates ingredients above the cut-off threshold considered as relevant which are listed

Chemical name	Chemical Substances Control Law
Phenol 108-95-2	Priority assessment chemical substance
Formaldehyde 50-00-0	Priority assessment chemical substance

Labor Standards Act
Occupational illnesses caused by chemical substances - Labor Standards Act article 75, Enforcement Ordinance article 35 and Notification Designating Elements and Compounds of Chemical Substances and Occupational Illnesses Table 1-2 item 4-1

Water Pollution Control Act
Designated substance may cause adverse effects to human health or the living environment per Water Pollution Control Law article 2 and Enforcement Order article 3-3

Sewerage Act
Sewerage Act article 12-2 and Enforcement Order article 9-4

Waterworks (Water Supply) Act
Waterworks (Water Supply) Act article 4 legally binding water quality standards

Air Pollution Control Law
Air pollutants with regulated emissions standards, Air Pollution Control Act article 3
Specified substances subject to measures in event of an accident per Air Pollution Control Law article 17, paragraph 1 and Enforcement Order article 10
Volatile organic compound per Air Pollution Control Law article 2, paragraph 4
Hazardous air pollutants (HAPs) per Air Pollution Control Law article 2, paragraph 1, item 3 and Enforcement Order article 1

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

16. OTHER INFORMATION

Prepared By	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
Issuing Date	01-Mar-2017
Revision Date	08-Nov-2018
Revision Note	No information available

Key or legend to abbreviations and acronyms used in the safety data sheet

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	-	Skin designation
C	Carcinogen		

Disclaimer

This SDS complies with the requirements of JIS Z 7250:2010 and JIS Z 7252:2009 (Japan). 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, use, processing, storage, transportation, disposal and release 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.

End of Safety Data Sheet