Safety data sheets

Safety data sheet for cold rolled steel

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Cold rolled steel strips, cold rolled special steel strips, hot rolled steel strips
Company name	Takasago Tekko K.K.
Address	1-1-1, Shingashi, Itabashi-ku, Tokyo
Telephone number	+81-3-5399-8178
Fax numbe	+81-3-3550-6320
Emergency contact	See above

2. HAZARDS IDENTIFICATION

♦ GHS classification:

<Potential health effects>

Hazard item	Hazard category	Hazard information
Skin corrosion and irritation	Category 3	Causes mild skin irritation (H316)
Serious eye damages/eye irritation	Category 2B	Causes eye irritation (H320)
Respiratory sensitization	Category 1	May cause allergy or asthma symptoms or breathing difficulties if inhaled (H334)
Skin sensitization	Category 1	May cause an allergic skin reaction (H317)
Germ cell mutagenicity	Category 1	Suspected of causing genetic defects (H341)
Carcinogenicity	Category 2	Suspected of causing cancer (H351)
Reproductive toxicity	Category 1B	Suspected of damaging fertility or the unborn child (H360)
Specific target organ toxicity (single exposure)	Category 1	Causes damage to respiratory organs or kidney (H370)
	Category 2	(Systemic toxicity) May cause damage to organs (H371)
	Category 3	(Respiratory irritation) May cause respiratory irritation (H335)
Specific target organ toxicity (repeated exposure)	Category 1	Causes damage to respiratory organs or nervous system through prolonged or repeated exposure (H372)

<Potential environmental effects>

Hazard item	Hazard category	Hazard information
Aquatic toxicity (chronic)	Category 4	May cause long-lasting harmful effects to aquatic life (H413)

♦ GHS label elements:

<Pictograms>

<Signal words>

Danger, Caution

<Warning notes>

(Precautionary statements)

- Do not handle until all safety precautions have been read and understood. (P202)
- Avoid breathing dust/mist. (P261)
- Wash hands thoroughly after handling. (P264)
- Use only outdoors or in a well-ventilated area. (P271)
- Wear protective gloves. (P280)
- [In case of inadequate ventilation] wear respiratory protection. (P284)

(Emergency response)

- If on skin: Wash with soap and plenty of water. (P302 + P352)

・If inhaled: Remove person to fresh air and keep comfortable for breathing. (P304 + P340)
・If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. (P305 + P351 + P338)
・Call a physician if you feel unwell. (P312)
・If skin irritation or a rash occurs, get medical advice/attention. (P333 + P313)
・If eye irritation persists, get medical advice/attention. (P337 + P313)
・If experiencing respiratory symptoms: call a physician. (P342 + P311)
・Take off contaminated clothing and wash it before reuse. (P362 + P364)

(Disposal)
・Dispose of contents/containers in accordance with international, national, prefectural, or city regulations. (P501)

3. COMPOSITION/INFORMATION ON INGREDIENTS

♦Chemical substance or mixture classification: Mixture (iron-based alloy steel)
♦Main ingredients:

Ingredient	Content (wt%)	CAS No.	ICSC No.	PRTR Law*1 Cabinet order No.	ISH Law*2 Cabinet order No.
Silicon (Si)	0.0 to 2.0	7440-21-3	1508	-	-
Manganese (Mn)	0.0 to 2.0	7439-96-5	0174	Class 1 412	550
Nickel (Ni)	0.0 to 1.0	7440-02-0	0062	Class 1 308	418
Chrome (Cr)	0.0 to 2.0	7440-47-3	0029	Class 1 87	142
Molybdenum (Mo)	0.0 to 1.0	7439-98-7	1003	Class 1 453	603
Copper (Cu)	0.0 to 1.0	7440-50-8	0240	-	379
Iron (Fe)	Residual quantity	7439-89-6	-	-	-

Note 1: Component contents will vary depending on the type of the standard within the range indicated in the table above.
Note 2: In addition to the components listed above, includes trace elements such as carbon (C), phosphorus (P), sulfur (S) and nitrogen (N).
*1 Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof
*2 Industrial Health and Safety Act
Note 3: Classification; - ; not applicable

4. FIRST AID MEASURES

If dust or fumes emitted during the processing, etc., of steel materials are inhaled or ingested, or adhere to skin, carry out the following first aid measures. If necessary, obtain medical advice or attention from a physician.

♦If inhaled : Remove person to fresh air and keep comfortable for breathing.
♦If on skin : Wash with soap and plenty of water immediately.
♦If in eyes : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
♦If swallowed : Rinse mouth thoroughly and immediately with water.
♦Other : Keep skin wounds caused by steel cut ends or cuttings, etc., clean. In the event of burns from welding arcs, etc., cool the affected part.

5. FIREFIGHTING MEASURES

The steel itself is in a non-flammable (solid) state. In the event of fire, fire extinguishers and water may be used. However, steel in fine powder form may be combustible or explosive.

♦Fire extinguishing media : Use fire extinguishing media appropriate for the circumstances.
♦Fire extinguishing media to avoid : No information

6. ACCIDENTAL RELEASE MEASURES

The steel itself is in a solid state, so no leakage will occur under normal circumstances.
In the event of the accidental release of dust or fumes during processing, etc., of steel materials, the following measures are to be carried out:

♦Personal precautions: : Wear suitable protective equipment and avoid inhaling dust or fumes or contact with eyes.
♦Protective equipment and emergency procedures : Refer to protective equipment described in 8. "EXPOSURE CONTROLS/PERSONAL PROTECTION."
♦Environmental precautions : Dust and similar residue generated by processing such as cutting and polishing must be promptly collected.
♦Methods and materials for containment and cleaning up : Dust and similar residue generated by the processing, etc., of steel materials must be collected in an appropriate manner and steps taken to prevent leaks.

7. HANDLING AND STORAGE

♦Handling:
<Technical measures>

In cases in which steel is to be welded, fused, polished, etc., wear appropriate protective equipment if dust, fumes, etc., may be generated. Additionally, if dust, fumes, etc., may be generated, use the necessary local exhaust and general ventilation.

<Precautions for safe handling>

Take care to prevent the overturn, collapse, or fall of heavy objects.
The cut ends, cuttings of steel, etc., may have burrs that could wound skin.
Arcs used in welding, fusing, etc., may cause burns.
When hoops and bands used in packaging are cut, the ends may spring up. Exercise special care when handling coiled products as the ends are prone to spring up.

♦Storage:

<Conditions for safe storage>

Avoid contact with water, acid, alkali, or any substances containing these.
Avoid environments of high temperature and high humidity. If necessary, use sheets, covers, and packaging to prevent rust or wetting by rainwater.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Since steel normally occurs in a solid state, there is no useful information regarding exposure controls and personal protection under ordinary circumstances.
However, when steel is welded, fused, polished, cut, etc., dust and fumes are generated, so the following equipment measures and protective measures must be taken:

♦Acceptable concentrations:

		Japan Society for Occupational Health	AGCIH +1
Component	CAS No.	Acceptable concentration (mg/m3)	TLVs-TWA (mg/m3)
Silicon (Si)	7440-21-3	-	-
Manganese (Mn)	7439-96-5	0.2	0.2
Nickel (Ni)	7440-02-0	1	1.5
Chrome (Cr)	7440-47-3	0.5	0.5
Molybdenum (Mo)	7439-98-7	-	10(I)/3(R)*2
Copper (Cu)	7440-50-8	-	1 *3/0.2 *4
Iron (Fe)	7439-89-6	-	-

Note 1: Search results from NITE HP/Chemical Risk Information Platform (CHRIP)
Note 2: The symbol "-" in the table means that the item is not in that category or could not be classified.
*1 American Conference of Governmental Industrial Hygienists
*2 (I): Inhalable fraction; (R): Respirable fraction
*3 Dust and mists, as Cu
*4 Fume

♦Facility and equipment measures : Where dust, fumes, etc., are generated, appropriate ventilation measures must be provided and a proper work environment secured.

♦Protective equipment : Wear appropriate protective equipment, including respiratory protective equipment, protective gloves, protective goggles, protective clothing, and safety shoes, in areas where dust, fumes, etc., are generated.

9. PHYSICAL AND CHEMICAL PROPERTIES

♦Physical state, shape, color, etc. : Silver white solid
♦Odor : Metallic odor
♦Melting point : 1,370°C or higher
♦Specific gravity (relative density) : 7 to 9 g/cm3
♦Solubility : Insoluble in water

10. STABILITY AND REACTIVITY

♦Stability : Stable under normal conditions.
♦Possible hazardous reactions : Contact with chemicals such as water and acid may cause oxygen shortage and generate harmful gases.
♦Conditions to avoid : Avoid environments of high temperature and high humidity or contact with incompatible hazardous substances.
♦Incompatible hazardous substances : Oxidizing substances, etc.
♦Hazardous decomposition products : Fumes generated during processing such as welding and fusing may contain metal compounds.

11. TOXICOLOGICAL INFORMATION

Hazard item	[Si]	[Mn]	[Ni]	[Cr]	[Mo]	[Cu]	[Fe]
Acute toxicity	-	-	-	-	-	-	-
Skin corrosion/irritation	-	Category 3	-	-	-	-	-
Serious eye damages/eye							

irritation	Category 2B	Category 2B	-	Category 2B	-	-	-
Respiratory sensitization/skin sensitization	-	-	Category 1	Category 1	-	-	-
Germ cell mutagenicity	-	-	-	Category 2	-	-	-
Carcinogenicity	-	-	Category 2	-	-	-	-
Reproductive toxicity	-	Category 1B	-	-	-	-	-
Specific target organ toxicity (single exposure)	-	Category 1	Category 1	Category 2, 3	Category 3	Category 3	-
Specific target organ toxicity (repeated exposure)	-	Category 1	Category 1	-	-	Category 1	-
Aspiration hazard	-	-	-	-	-	-	-

Note 1: Search results from NITE HP/Chemical Risk Information Platform (CHRIP)
Note 2: The symbol "-"in the table means that the item is not in that category or could not be classified.
Note 3: For information on categories, please refer to 2. "HAZARDS IDENTIFICATION."

12. ECOLOGICAL INFORMATION

Hazard item	[Si]	[Mn]	[Ni]	[Cr]	[Mo]	[Cu]	[Fe]
Aquatic toxicity (acute)	-	-	-	-	-	-	-
Aquatic toxicity (chronic)	-	Category 4	Category 4	-	-	Category 4	-

Note 1: Search results from NITE HP/Chemical Risk Information Platform (CHRIP)
Note 2: The symbol "-" in the table means that the item is not in that category or could not be classified.
Note 3: For information on categories, please refer to 2. "HAZARDS IDENTIFICATION."

13. DISPOSAL CONSIDERATIONS

♦Residual waste:
Dispose of in an environmentally friendly manner that complies with the laws concerning industrial waste and any related prefectural or local bylaws.
♦Soiled containers and packaging:
Any pollutants adhering to containers or packaging must be disposed of as residual waste, in an environmentally friendly manner that complies with the laws concerning industrial waste and any related prefectural or local bylaws.

14. TRANSPORTATION CONSIDERATIONS

Not applicable to the substance under international transportation controls.

15. REGULATORY INFORMATION

♦Industrial Safety and Health Act
♦Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof

16. OTHER INFORMATION

♦Reference information, etc.
- JIS Z7253: Hazard communication of chemicals based on GHS-Labelling and Safety Data Sheet (SDS)
- Displays of labels and provision of SDS in PRTR Law/ISH Law-GHS compliant (issued by Ministry of Economy, Trade and Industry, Ministry of Health, Labour and Welfare, October 2012)
- National Institute of Technology and Evaluation (NITE) website
- Workplace Safety site (Ministry of Health, Labour and Welfare)

This data sheet contains reference information compiled to ensure safe product handling and to provide operators with information available to the company at the time the document was created. It does not represent a guarantee of product safety.
We ask operators to keep in mind that they should refer to this document and exercise their own discretion in implementing appropriate measures based on the actual circumstances that apply to their specific circumstances.

Safety data sheet for stainless steel

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Stainless steel
Company name	Takasago Tekko K.K.
Address	1-1-1, Shingashi, Itabashi-ku, Tokyo
Responsible department	Quality Assurance Dept.
Telephone number	+81-3-5399-8178
Fax number	+81-3-3550-6320
Emergency contact	See above

2. HAZARDS IDENTIFICATION

♦ GHS classification:

<Potential health effects>

Hazard item	Hazard category	Hazard information

Skin corrosion and irritation	Category 3	Causes mild skin irritation (H316)
Serious eye damages/eye irritation	Category 2B	Causes eye irritation (H320)
Respiratory sensitization	Category 1	May cause allergy or asthma symptoms or breathing difficulties if inhaled (H334)
Skin sensitization	Category 1	May cause an allergic skin reaction (H317)
Germ cell mutagenicity	Category 1	Suspected of causing genetic defects (H341)
Carcinogenicity	Category 2	Suspected of causing cancer (H351)
Reproductive toxicity	Category 1B	Suspected of damaging fertility or the unborn child (H360)
Specific target organ toxicity (single exposure)	Category 1	Causes damage to respiratory organs or kidney (H370)
	Category 2	(Systemic toxicity) May cause damage to organs (H371)
	Category 3	(Respiratory irritation) May cause respiratory irritation (H335)
Specific target organ toxicity (repeated exposure)	Category 1	Causes damage to respiratory organs or nervous system through prolonged or repeated exposure (H372)
	Category 2	May cause damage to liver or lung through prolonged or repeated exposure (H373)

<Potential environmental effects>

Hazard item	Hazard category	Hazard information
Aquatic toxicity (chronic)	Category 4	May cause long-lasting harmful effects to aquatic life (H413)

♦ GHS label elements:

<Pictograms>

<Signal words>

Danger, Caution

<Warning notes>

(Precautionary statements)

・Do not handle until all safety precautions have been read and understood. (P202)
・Avoid breathing dust/mist. (P261)
・Wash hands thoroughly after handling. (P264)
・Use only outdoors or in a well-ventilated area. (P271)
・Wear protective gloves. (P280)
・[In case of inadequate ventilation] wear respiratory protection. (P284)

(Emergency response)

・If on skin: Wash with soap and plenty of water. (P302 + P352)
・If inhaled: Remove person to fresh air and keep comfortable for breathing. (P304 + P340)
・If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. (P305 + P351 + P338)
・Call a physician if you feel unwell. (P312)
・If skin irritation or a rash occurs, get medical advice/attention. (P333 + P313)
・If eye irritation persists, get medical advice/attention. (P337 + P313)
・If experiencing respiratory symptoms: call a physician. (P342 + P311)
・Take off contaminated clothing and wash it before reuse. (P362 + P364)

(Disposal)

・Dispose of contents/containers in accordance with international, national, prefectural, or city regulations. (P501)

3. COMPOSITION/INFORMATION ON INGREDIENTS

♦Chemical substance or mixture classification: Mixture (iron-based alloy steel)

♦Main ingredients:

Ingredient	Content (wt%)	CAS No.	ICSC No.	PRTR Law*1 Cabinet order No.	ISH Law*2 Cabinet order No.
Silicon (Si)	0.0 to 5.0	7440-21-3	1508	-	-
Manganese (Mn)	0.0 to 10	7439-96-5	0174	Class 1 412	550

Nickel (Ni)	0.0 to 30	7440-02-0	0062	Class 1 308	418
Chrome (Cr)	10 to 30	7440-47-3	0029	Class 1 87	142
Molybdenum (Mo)	0.0 to 10	7439-98-7	1003	Class 1 453	603
Copper (Cu)	0.0 to 5.0	7440-50-8	0240	-	379
Niobium (Nb)	0.0 to 1.0	7440-03-1	-	-	-
Titanium (Ti)	0.0 to 1.0	7440-32-6	-	-	-
Aluminum (Al)	0.0 to 5.0	7429-90-5	-	-	-
Tungsten (W)	0.0 to 1.0	7440-33-7	-	-	337
Cobalt (Co)	0.0 to 1.0	7440-48-4	0782	Class 1 132	172
Tin (Sn)	0.0 to 1.0	7440-31-5	1535	-	-
Iron (Fe)	Residual quantity	7439-89-11	-	-	-

Note 1: Component contents will vary depending on the type of the standard within the range indicated in the table above.
Note 2: In addition to the components listed above, includes trace elements such as carbon (C), phosphorus (P), sulfur (S) and nitrogen (N).
*1 Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof
*2 Industrial Health and Safety Act
Note 3: Classification; - ; not applicable

4. FIRST AID MEASURES

If dust or fumes emitted during the processing, etc., of steel materials are inhaled or ingested, or adhere to skin, carry out the following first aid measures. If necessary, obtain medical advice or attention from a physician.

- ♦If inhaled : Remove person to fresh air and keep comfortable for breathing.
- ♦If on skin : Wash with soap and plenty of water immediately.
- ♦If in eyes : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- ♦If swallowed : Rinse mouth thoroughly and immediately with water.
- ♦Other : Keep skin wounds caused by steel cut ends or cuttings, etc., clean. In the event of burns from welding arcs, etc., cool the affected part.

5. FIREFIGHTING MEASURES

The steel itself is in a non-flammable (solid) state. In the event of fire, fire extinguishers and water may be used. However, steel in fine powder form may be combustible or explosive.

- ♦Fire extinguishing media : Use fire extinguishing media appropriate for the circumstances.
- ♦Fire extinguishing media to avoid : No information

6. ACCIDENTAL RELEASE MEASURES

The steel itself is in a solid state, so no leakage will occur under normal circumstances.
In the event of the accidental release of dust or fumes during processing, etc., of steel materials, the following measures are to be carried out:

- ♦Personal precautions: : Wear suitable protective equipment and avoid inhaling dust or fumes or contact with eyes.
- ♦Protective equipment and emergency procedures : Refer to protective equipment described in 8. "EXPOSURE CONTROLS/PERSONAL PROTECTION."
- ♦Environmental precautions : Dust and similar residue generated by processing such as cutting and polishing must be promptly collected.
- ♦Methods and materials for containment and cleaning up : Dust and similar residue generated by the processing, etc., of steel materials must be collected in an appropriate manner and steps taken to prevent leaks.

7. HANDLING AND STORAGE

♦Handling:

<Technical measures>

In cases in which steel is to be welded, fused, polished, etc., wear appropriate protective equipment if dust, fumes, etc., may be generated. Additionally, if dust, fumes, etc., may be generated, use the necessary local exhaust and general ventilation.

<Precautions for safe handling>

Take care to prevent the overturn, collapse, or fall of heavy objects.
The cut ends, cuttings of steel, etc., may have burrs that could wound skin.
Arcs used in welding, fusing, etc., may cause burns.
When hoops and bands used in packaging are cut, the ends may spring up. Exercise special care when handling coiled products as the ends are prone to spring up.

♦Storage:

<Conditions for safe storage>

Avoid contact with water, acid, alkali, or any substances containing these.
Avoid environments of high temperature and high humidity. If necessary, use sheets, covers, and packaging to prevent rust or wetting by rainwater.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Since steel normally occurs in a solid state, there is no useful information regarding exposure controls and personal protection under ordinary circumstances.
However, when steel is welded, fused, polished, cut, etc., dust and fumes are generated, so the following equipment measures and protective measures must be taken:
♦Acceptable concentrations:

		Japan Society for Occupational Health	AGCIH +1
Component	CAS No.	Acceptable concentration (mg/m3)	TLVs-TWA (mg/m3)
Silicon (Si)	7440-21-3	-	-
Manganese (Mn)	7439-96-5	0.2	0.2
Nickel (Ni)	7440-02-0	1	1.5
Chrome (Cr)	7440-47-3	0.5	0.5
Molybdenum (Mo)	7439-98-7	-	10(I)/3(R)*2
Copper (Cu)	7440-50-8	-	1 *3/0.2 *4
Aluminum (Al)	7429-90-5	-	1(R)*2
Tungsten (W)	7440-33-7	-	5
Cobalt (Co)	7440-48-4	0.05	0.02
Tin (Sn)	7440-31-5	-	2
Iron (Fe)	7439-89-6	-	-

Note 1: Search results from NITE HP/Chemical Risk Information Platform (CHRIP)
Note 2: The symbol "-" in the table means that the item is not in that category or could not be classified.
*1 American Conference of Governmental Industrial Hygienists
*2 (I): Inhalable fraction; (R): Respirable fraction
*3 Dust and mists, as Cu
*4 Fume

♦Facility and equipment measures : Where dust, fumes, etc., are generated, appropriate ventilation measures must be provided and a proper work environment secured.

♦Protective equipment : Wear appropriate protective equipment, including respiratory protective equipment, protective gloves, protective goggles, protective clothing, and safety shoes, in areas where dust, fumes, etc., are generated.

9. PHYSICAL AND CHEMICAL PROPERTIES

♦Physical state, shape, color, etc. : Silver white solid
♦Odor : Metallic odor
♦Melting point : 1,370°C or higher
♦Specific gravity (relative density) : 7 to 9 g/cm3
♦Solubility : Insoluble in water

10. STABILITY AND REACTIVITY

♦Stability : Stable under normal conditions.
♦Possible hazardous reactions : Contact with chemicals such as water and acid may cause oxygen shortage and generate harmful gases.
♦Conditions to avoid : Avoid environments of high temperature and high humidity or contact with incompatible hazardous substances.
♦Incompatible hazardous substances : Oxidizing substances, etc.
♦Hazardous decomposition products : Fumes generated during processing such as welding and fusing may contain metal compounds.

11. TOXICOLOGICAL INFORMATION

Hazard item	[Si]	[Mn]	[Ni]	[Cr]	[Mo]	[Cu]	[Al]	[W]	[Co]	[An]	[Fe]
Acute toxicity	-	-	-	-	-	-	-	-	-	-	-
Skin corrosion/ irritation	-	Category 3	-	-	-	-	-	-	-	-	-
Serious eye damages/eye irritation	Category 2B	Category 2B	-	Category 2B	-	-	-	Category 2B	-	-	-
Respiratory sensitization/	-	-	Category 1	Category 1	-	-	-	-	Category 1	-	-

	skin sensitization											
	Germ cell mutagenicity	-	-	-	Category 2	-	-	-	-	-	-	-
	Carcinogenicity	-	-	Category 2	-	-	-	-	-	Category 2	-	-
	Reproductive toxicity	-	Category 1B	-	-	-	-	-	-	Category 2	-	-
	Specific target organ toxicity (single exposure)	-	Category 1	Category 1	Category 2, 3	Category 3	Category 3	-	-	Category 3	-	-
	Specific target organ toxicity (repeated exposure)	-	Category 1	Category 1	-	-	Category 1	Category 1	-	Category 1	Category 1	-
	Aspiration hazard	-	-	-	-	-	-	-	-	-	-	-

Note 1: Search results from NITE HP/Chemical Risk Information Platform (CHRIP)
Note 2: The symbol "-"in the table means that the item is not in that category or could not be classified.
Note 3: For information on categories, please refer to 2. "HAZARDS IDENTIFICATION."

12. ECOLOGICAL INFORMATION

Hazard item	[Si]	[Mn]	[Ni]	[Cr]	[Mo]	[Cu]	[Al]	[W]	[Co]	[Sn]	[Fe]
Aquatic toxicity (acute)	-	-	-	-	-	-	-	-	-	-	-
Aquatic toxicity (chronic)	-	Category 4	Category 4	-	-	Category 4	Category 4	-	Category 4	-	-

Note 1: Search results from NITE HP/Chemical Risk Information Platform (CHRIP)
Note 2: The symbol "-" in the table means that the item is not in that category or could not be classified.
Note 3: For information on categories, please refer to 2. "HAZARDS IDENTIFICATION."

13. DISPOSAL CONSIDERATIONS

♦Residual waste:
Dispose of in an environmentally friendly manner that complies with the laws concerning industrial waste and any related prefectural or local bylaws.
♦Soiled containers and packaging:
Any pollutants adhering to containers or packaging must be disposed of as residual waste, in an environmentally friendly manner that complies with the laws concerning industrial waste and any related prefectural or local bylaws.

14. TRANSPORTATION CONSIDERATIONS

Not applicable to the substance under international transportation controls.

15. REGULATORY INFORMATION

♦Industrial Safety and Health Act
♦Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof

16. OTHER INFORMATION

♦Reference information, etc.
- JIS Z7253: Hazard communication of chemicals based on GHS-Labelling and Safety Data Sheet (SDS)
- Displays of labels and provision of SDS in PRTR Law/ISH Law-GHS compliant (issued by Ministry of Economy, Trade and Industry, Ministry of Health, Labour and Welfare, October 2012)
- National Institute of Technology and Evaluation (NITE) website
- Workplace Safety site (Ministry of Health, Labour and Welfare)