

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 2020/878; US OSHA HCS 2015; and Canadian WHMIS 2015.

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** JP-B303-FT
Product Name: JP-B303-FT
X Code: X(22,53)1338
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**
Company Name: Hitachi Industrial Equipment & Solutions America, LLC
2730 Greenleaf Avenue **Phone Number:**
Elk Grove Village, IL 60007 (866)583-0048
Information: Christian Krzykwa (980)500-7144
- 1.4 Emergency telephone number:**
Emergency Contact: Chemtrec (800)424-9300

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
Flammable Liquids, Category 2
Specific Target Organ Toxicity (single exposure), Category 3
Aquatic Toxicity (Acute), Category 3
Aquatic Toxicity (Chronic), Category 3
Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 2
- 2.2 Label Elements:**

**GHS Signal Word:** **Danger****Hazard-determining components of labelling:**

Acetone

Ammonium acetate

GHS Hazard Phrases:

H225 - Highly flammable liquid and vapor.

H302 - Harmful if swallowed.

H315 - Causes skin irritation.

H336 - May cause drowsiness or dizziness.

H402 - Harmful to aquatic life.

H412 - Harmful to aquatic life with long lasting effects.

GHS Precautionary Phrases:

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 - Keep container tightly closed.

P240 - Ground/bond container and receiving equipment.

P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.

P242 - Use only non-sparking tools.

P243 - Take precautionary measures against static discharge.

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 - Wash hands thoroughly after handling.

- P270 - Do not eat, drink or smoke when using this product.
 P271 - Use only outdoors or in a well-ventilated area.
 P273 - Avoid release to the environment.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P235 - Keep cool.

GHS Response Phrases:

- P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P302+352 - IF ON SKIN: Wash with plenty of soap and water.
 P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
 P321 - Specific treatment see ... on this label.
 P330 - Rinse mouth.
 P332+313 - If skin irritation occurs, get medical advice/attention.
 P362+364 - Take off contaminated clothing and wash it before reuse.
 P370+378 - In case of fire, use ... to extinguish.

GHS Storage and Disposal Phrases:

- P403+233 - Store container tightly closed in well-ventilated place.
 P405 - Store locked up.
 P501 - Dispose of contents/container to ...

UFI:

2.3 Adverse Human Health Hazards not otherwise classified (HNOC) or not covered by GHS -none. Hazards not **Effects and Symptoms:** otherwise classified (HNOC) or not covered by GHS. Chronic: None.

- 2.3.1 Inhalation:** May be harmful if inhaled. No hazard expected in normal industrial use.
2.3.2 Skin Contact: May be harmful if absorbed through the skin. May cause skin irritation. Non-irritating to the skin.
2.3.3 Eye Contact: May cause eye irritation. Non-irritating to the eyes.
2.3.4 Ingestion: May be harmful if swallowed. No hazard expected in normal industrial use.

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
64-17-5	Ethyl alcohol 01-2119457610-43	38.5 -63.0 %	200-578-6 603-002-00-5	Flam. Liq. 2: H225
67-64-1	Acetone 01-2119471330-49	2.75 -7.0 %	200-662-2 606-001-00-8	Flam. Liq. 2: H225 Eye Damage 2: H319 STOT (SE) 3: H336 EUH066
9003-39-8	Polyvinyl pyrrolidone	1.0 -5.0 %	NA NA	
57-55-6	Propylene glycol 01-2119456809-23	0.91 -5.15 %	200-338-0 NA	No GHS classifications apply.
631-61-8	Ammonium acetate 01-2119828440-45	0.09 -1.0 %	211-162-9 NA	Skin Corr. 2: H315 Eye Damage 2A: H319 STOT (SE) 3: H335 H336
7732-18-5	Water na	20.0 -35.0 %	231-791-2 NA	No GHS classifications apply.

Section 4. First Aid Measures

- 4.1 Description of First Aid Measures:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
- In Case of Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. No specific treatment is necessary since this material is not likely to be hazardous by inhalation.
- In Case of Skin Contact:** Wash off with soap and plenty of water. Consult a physician. No specific treatment is necessary, since this material is not likely to be hazardous.
- In Case of Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Flush eyes with water as a precaution. No specific treatment is necessary, since this material is not likely to be hazardous.
- In Case of Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. No specific treatment is necessary, since this material is expected to be non-hazardous.
- 4.2 Important Symptoms and Effects, Both Acute and Delayed:** The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11 Unexcreted particles may be phagocytized by cells of the reticuloendothelial system and deposited in storage sites in the liver, spleen, lung, and bone marrow resulting in the storage disease thesaurosis. Severity and symptoms depend on storage site and nature of the particle. Pathological changes are not necessarily attributed to the thesaurosis, but in some cases an inflammation or granulomatoma have occurred.
- The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
- Note for the Doctor:** Treat symptomatically and supportively.
- 4.3 Indication of any immediate medical attention and special treatment needed:** No data available.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Not available.
- 5.2 Flammable Properties and Hazards:** Carbon oxides,
CONDITIONS OF FLAMMABILITY:
Not flammable or combustible. No data available.
- Hazardous Combustion Products:** Hazardous decomposition products formed under fire conditions. Carbon oxides, nitrogen oxides (NOx).
- Flash Pt:** > -17.00 C Method Used: Estimate
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** > 365.00 C
- 5.3 Fire Fighting Instructions:** Wear self contained breathing apparatus for fire fighting if necessary. Further information. No data available. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8. Evacuate personnel to safe areas.
- 6.2 Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
- 6.3 Methods and Material For Containment and Cleaning Up:** Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Personal precautions. Avoid dust formation. Avoid breathing vapors, mist or gas. Environmental precautions. Do not let product enter drains.
- Sweep up and shovel. Keep in suitable, closed containers for disposal. Soak up with inert absorbent material and dispose of as hazardous waste. Use proper personal protective equipment as indicated in Section 8.
- Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2. Use explosion-proof equipment. Provide appropriate exhaust ventilation at places where dust is formed. No special handling procedures are required.
- 7.2 Precautions To Be Taken in Storing:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Recommended storage temperature: 2 -8 - 8 deg.C.
- Other Precautions:** Storage class 510) Keep in a dry place. Hygroscopic. No special storage requirements. Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
64-17-5	Ethyl alcohol	ACGIH TLV	TLV: 1000 ppm STEL: 1000 ppm	
		France VL	TWA: 1900 mg/m3 (1000 ppm) STEL: 9500 mg/m3 (5000 ppm)	
		OSHA PELs	PEL: 1000 ppm	
		Britain EH40	TWA: 1920 mg/m3 (1000 ppm) STEL: ()	
67-64-1	Acetone	ACGIH TLV	TLV: 250 ppm STEL: 500 ppm	
		Europe	TWA: 1210 mg/m3 (500 ppm)	
		France VL	TWA: 1210 mg/m3 (500 ppm) STEL: 2420 mg/m3 (1000 ppm)	
		OSHA PELs	PEL: 1000 ppm	
		Britain EH40	TWA: 1210 mg/m3 (500 ppm)	

57-55-6 Propylene glycol

Britain EH40

STEL: 3620 mg/m³ (1500 ppm)

TWA: 474 mg/m³ (150 ppm) (Particulate)

8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.): Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. There are no special ventilation requirements.

8.2.2 Personal protection equipment:

Eye Protection: Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses with side-shields conforming to EN166. Eye protection is not normally required.

Protective Gloves: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Full contact.

Material: Nitrile rubber, Minimum layer thickness: 0.11 mm, Break through time: 480 min. If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario. Protective garments not normally required.

Other Protective Clothing: Impervious clothing. Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Protective garments not normally required.

Respiratory Equipment (Specify Type): Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.

If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Respirator protection is not normally required.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. General industrial hygiene practice.

8.2.3 Environmental Exposure Controls: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Exposure Controls: Discharge into the environment must be avoided.

Exposure Scenarios: No data available.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Color: Blue.

pH: No data.

Melting Point: NA -94.00 - 137.00 C

Boiling Point:	78.00 C - 187.00 C	
Flash Pt:	> -17.00 C Method Used: Estimate	
Evaporation Rate:	No data.	
Saturated Vapor Concentration:	No data.	
Flammability (solid, gas):	No data available.	
Explosive Limits:	LEL: No data.	UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	No data.	
	No data.	
Vapor Density (vs. Air = 1):	> Air	
Specific Gravity (Water = 1):	No data.	
Density:	~ 0.8796 G/ML (~ 7.34 - LB/GA)	
Solubility in Water:	miscible	
Octanol/Water Partition Coefficient:	No data.	
Autoignition Pt:	> 365.00 C	
Decomposition Temperature:	No data.	
Viscosity:	No data.	
Explosive Properties:	No data available.	
Oxidizing Properties:	No data available.	

9.2 Other Information

9.2.1 Information with regard to physical hazard classes

Information with regard to primary physical hazard:

9.2.2 Other safety characteristics

Section 10. Stability and Reactivity

10.1 Reactivity:	No data available.
10.2 Stability:	Unstable [] Stable [X]
10.3 Conditions To Avoid - Hazardous Reactions:	No data available. Vapors may form explosive mixture with air.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
10.4 Conditions To Avoid - Instability:	Heat, flames and sparks. Extremes of temperature and direct sunlight. No data available.
10.5 Incompatibility - Materials To Avoid:	Strong oxidizing agents, Strong oxidizing agents, Strong reducing agents, Bases, Acid chlorides, Acid anhydrides, Oxidizing agents, Chloroformates, Reducing agents, None.
10.6 Hazardous Decomposition or Byproducts:	No data available. In the event of fire: see section 5. Other decomposition products: formed under fire conditions. Carbon oxides, None.

Section 11. Toxicological Information

11.1 Information on Acute toxicity.

Toxicological Effects: No data available. Inhalation: Dermal. Germ cell mutagenicity. Reproductive toxicity. Aspiration hazard: Kidney, Ureter, Bladder: Changes in both tubules and glomeruli. Blood: Changes in spleen. Behavioral: Muscle contraction or spasticity. Epidemiology: Teratogenicity: No data available. Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies:

Irritation or Corrosion: Skin corrosion/irritation. No data available. Serious eye damage/eye irritation no data available. Provide adequate ventilation. Result: Tumorigenic: Tumors at site or application. Mild eye irritation -24. Serious eye damage/eye irritation: Eyes - rabbit - Skin - rabbit - No skin irritation. Eyes - rabbit - No eye irritation. Skin: Human. Mild skin irritation -7 d Serious eye damage/eye irritation Eyes -Rabbit Eyes:

Sensitization: No data available. Guinea pig 88%, 4 Result: Tumorigenic: Tumors at site or application.

Chronic Toxicological Effects: Specific target organ toxicity -single exposure (Globally Harmonized System) No data available. Specific target organ toxicity -repeated exposure: no data available. Specific target organ toxicity - single exposure: May cause drowsiness or dizziness. Specific target organ toxicity - repeated exposure:

Carcinogenicity/Other Information: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification. Carcinogenicity. IARC: Group 3: Not classifiable as to its carcinogenicity to humans 3. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64-17-5	Ethyl alcohol	n.a.	1	A4	n.a.
67-64-1	Acetone	n.a.	n.a.	A4	n.a.
9003-39-8	Polyvinyl pyrrolidone	n.a.	3	n.a.	n.a.
57-55-6	Propylene glycol	n.a.	n.a.	n.a.	n.a.
631-61-8	Ammonium acetate	n.a.	n.a.	n.a.	n.a.
7732-18-5	Water	n.a.	n.a.	n.a.	n.a.

Section 12. Ecological Information

12.1 Toxicity:	No data available. Toxicity: no data available.
12.2 Persistence and Degradability:	No data available. Biodegradability Result: 91 % -Readily biodegradable. - Readily biodegradable.
12.3 Bioaccumulative Potential:	No data available. Does not bioaccumulate.
12.4 Mobility in Soil:	No data available.
12.5 Results of PBT and vPvB assessment:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
12.6 Other adverse effects:	No data available. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

Section 13. Disposal Considerations

13.1 Waste Disposal Method:	<p>Product.</p> <p>Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.</p> <p>Contaminated packaging. Dispose of as unused product. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.</p> <p>RCRA P-Series: None listed. RCRA U-Series: None listed.</p>
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Section 14. Transport Information

GHS Classification:	<p>Flammable Liquids, Category 2 - Danger! Highly flammable liquid and vapor</p> <p>Specific Target Organ Toxicity (single exposure), Category 3 - Warning! May cause respiratory irritation, or may cause drowsiness and dizziness</p> <p>Aquatic Toxicity (Acute), Category 3 - Harmful to aquatic life</p> <p>Aquatic Toxicity (Chronic), Category 3 - Harmful to aquatic life with long lasting effects</p> <p>Acute Toxicity: Oral, Category 4 - Warning! Harmful if swallowed</p> <p>Skin Corrosion/Irritation, Category 2 - Warning! Causes skin irritation</p>
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14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:	Printing ink, [flammable or] Printing ink related material [(including printing ink thinning or reducing compound), flammable]		
DOT Hazard Class:	3	FLAMMABLE LIQUID	
UN/NA Number:	UN1210		II



14.1 LAND TRANSPORT (Canadian TDG):

TDG Shipping Name:	Printing ink, [flammable or] Printing ink related material [(including printing ink thinning or reducing compound), flammable]		
UN Number:	1210	Packing Group:	II
Hazard Class:	3 - FLAMMABLE LIQUID	TDG Classification:	

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Printing ink, [flammable or] Printing ink related material [(including printing ink thinning or reducing compound), flammable]
UN Number: 1210 **Packing Group:** II
Hazard Class: 3 - FLAMMABLE LIQUID

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Printing ink, [flammable or] Printing ink related material [(including printing ink thinning or reducing compound), flammable]
UN Number: 1210 **Packing Group:** II
Hazard Class: 3 - FLAMMABLE LIQUID

Section 15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
64-17-5	Ethyl alcohol	No	No	No
67-64-1	Acetone	No	Yes NA	No
9003-39-8	Polyvinyl pyrrolidone	No	No	No
57-55-6	Propylene glycol	No	No	No
631-61-8	Ammonium acetate	No	Yes NA	No
7732-18-5	Water	No	No	No

CAS #	Hazardous Components (Chemical Name)	Canadian NPRI	Canadian Toxic	Canadian DSL
64-17-5	Ethyl alcohol	Yes: Part 5		Yes
67-64-1	Acetone	No	No	Yes
9003-39-8	Polyvinyl pyrrolidone	No	No	Yes
57-55-6	Propylene glycol	No	No	Yes
631-61-8	Ammonium acetate	No	No	Yes
7732-18-5	Water	No	No	Yes

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64-17-5	Ethyl alcohol	TSCA: Yes - Inventory; CA PROP.65: No
67-64-1	Acetone	TSCA: Yes - Inventory; CA PROP.65: No
9003-39-8	Polyvinyl pyrrolidone	TSCA: Yes - Inventory; CA PROP.65: No
57-55-6	Propylene glycol	TSCA: Yes - Inventory; CA PROP.65: No
631-61-8	Ammonium acetate	TSCA: Yes - Inventory; CA PROP.65: No
7732-18-5	Water	TSCA: Yes - Inventory; CA PROP.65: No

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
64-17-5	Ethyl alcohol	Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 5-153; Japan ISHL: No; Korea ECL: Yes - KE-13217; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: Yes - Cat.; Germany WHCS: Yes - 96: WGK 1; Switzerland Giffliste 1: Yes - G-1158; Switzerland INNS: No; REACH: Yes - 01-2119457610-43: Full, (P)
67-64-1	Acetone	Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 2-542; Japan ISHL: No; Korea ECL: Yes - KE-29367; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: Yes - 6: WGK 1; Switzerland Giffliste 1: Yes -

9003-39-8	Polyvinyl pyrrolidone	G-1031; Switzerland INNS: No; REACH: Yes - 01-2119471330-49: Full, (P) Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 6-1048; Japan ISHL: No; Korea ECL: Yes - KE-13324; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: Yes - 2082: WGK 1; Switzerland Giffliste 1: Yes - G-2780; Switzerland INNS: No; REACH: Yes - (P)
57-55-6	Propylene glycol	Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 7-62; Japan ISHL: Yes - 2-(8)-323; Korea ECL: Yes - KE-29267; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: Yes - 280: WGK 1; Switzerland Giffliste 1: Yes - G-2798; Switzerland INNS: No; REACH: Yes - 01-2119456809-23: Full, (P)
631-61-8	Ammonium acetate	Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 2-688; Japan ISHL: No; Korea ECL: Yes - KE-01629; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: Yes - 2611: WGK 1; Switzerland Giffliste 1: Yes - G-8919; Switzerland INNS: No; REACH: Yes - 01-2119828440-45: Full, (P)
7732-18-5	Water	Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 7-1663; Japan ISHL: 2-(4)-1220; Korea ECL: Yes - KE-35400; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: No; Switzerland Giffliste 1: No; Switzerland INNS: No; REACH: Yes - 01-2120888954-31: Full, (P)

Section 16. Other Information

Revision Date: 03/07/2022

Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

The information and recommendations contained herein are, to the best of Hitachi's knowledge and belief, accurate and reliable as of the date issued. Because many factors may affect processing or application/use, HITACHI recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. If buyer repackages this product, it is the user's responsibility to insure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part, is not permitted. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by Hitachi hereunder are given gratis and Hitachi assumes no obligation or liability for the description, designs, data and information given or results obtained. All such being given and accepted at your risk.