

Revision: 11/14/2018 Supersedes Revision: 08/18/2014

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 2015/830; US OSHA HCS 2015; and Canadian WHMIS 2015.

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

1.1Product Code:JP-K112Product Name:JP-K112Trade Name:JP-K112

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			
Web site address:	http://www.hitachi-america.us/ice/marking-and-				
	coding				
Information:	Christian Krzykwa	(980)500-7144			

Emergency Contact: Chemtrec

(800)424-9300

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture: Flammable Liquids, Category 2 Acute Toxicity: Skin, Category 5 Skin Corrosion/Irritation, Category 2 Serious Eye Damage/Eye Irritation, Category 2 Specific Target Organ Toxicity (single exposure), Category 1 Specific Target Organ Toxicity (single exposure), Category 3 Specific Target Organ Toxicity (repeated exposure), Category 1 Specific Target Organ Toxicity (repeated exposure), Category 2 Aquatic Toxicity (Acute), Category 2
- 2.2 Label Elements:

1.4





GHS Signal Word:

GHS Hazard Phrases:

H225 - Highly flammable liquid and vapor.

- H313 May be harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H370 Causes damage to
- H336 May cause drowsiness or dizziness.
- H372 Causes damage to through prolonged or repeated exposure.
- $\ensuremath{\mathsf{H373}}$ May cause damage to through prolonged or repeated exposure.

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GHS Precaution Phrases:

P233 - Keep container tightly closed.

- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting equipment.
- P243 Take precautionary measures against static discharge.
- P242 Use only non-sparking tools.
- P264 Wash hands thoroughly after handling.
- P362+364 Take off contaminated clothing and wash it before reuse.
- P260 Do not breathe dust/fume/gas/mist/vapors/spray.
- P270 Do not eat, drink or smoke when using this product.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
- P271 Use only outdoors or in a well-ventilated area.

GHS Response Phrases:

P370+378 - In case of fire, use ... to extinguish.

P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P312 - Call a POISON CENTER/doctor/... if you feel unwell.

P302+352 - IF ON SKIN: Wash with plenty of soap and water.

P321 - Specific treatment see ... on this label.

P332+313 - If skin irritation occurs, get medical advice/attention.

P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313 - If eye irritation persists, get medical advice/attention.

P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P314 - Get medical attention/advice if you feel unwell.

GHS Storage and Disposal Phrases:

P403+235 - Store in cool/well-ventilated place.

P501 - Dispose of contents/container ...

P405 - Store locked up.

P403+233 - Store container tightly closed in well-ventilated place.

2.3 Adverse Human Health Chronic: May cause reproductive and fetal effects. Laboratory experiments have shown Effects and Symptoms: mutagenic effects. Animal studies have reported the development of tumors. Prolonged

exposure may cause liver, kidney, and heart damage. Prolonged or repeated skin contact may cause defatting and dermatitis. Chronic exposure may cause liver damage.

- 2.3.1 Inhalation: Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. Causes respiratory tract irritation. May cause narcotic effects in high concentration. Vapors may cause dizziness or suffocation. Inhalation of vapor may cause respiratory tract irritation. May cause effects similar to those described for ingestion. Causes upper respiratory tract irritation. Inhalation of vapors may cause dizziness.
- 2.3.2 Skin Contact: Causes moderate skin irritation. May cause cyanosis of the extremities. May cause moderate skin irritation. Prolonged and/or repeated contact may cause defatting of the skin and dermatitis. May cause irritation with pain and stinging, especially if the skin is abraded. Isopropanol has a low potential to cause allergic skin reactions; however, rare cases of allergic contact dermatitis have been reported. May be absorbed through intact skin. Dermal absorption has been considered toxicologically insignificant. The cases of deep coma associated with skin contact are thought to be a consequence of gross isopropanol vapor inhalation in rooms with inadequate ventilation, rather than being



attributable to percutaneous absorption of isopropanol per se.

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Causes severe eye irritation. May cause painful sensitization to light. May cause 2.3.3 Eye Contact: chemical conjunctivitis and corneal damage. May cause moderate eye irritation. May result in corneal injury. Produces irritation, characterized by a burning sensation, redness, tearing, inflammation, and possible corneal injury. May cause transient corneal injury. In the eyes of a rabbit, 0.1 ml of a rabbit, 0.1 ml of 70% isopropyl alcohol caused conjunctivitis, isopropyl alcohol caused conjun ctivitis, iritis, and corneal opacity. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause 2.3.4 Ingestion: systemic toxicity with acidosis. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure. Causes gastrointestinal irritation with nausea, vomiting and diarrhea. May cause kidney damage. Aspiration of material into the lungs may cause chemical pneumonitis, which may be fatal. The probable oral lethal dose in humans is 240 ml (2696 mg/kg), but ingestion of only 20 ml (224 mg/kg) has, but in gestion of only 20 ml (224 mg/kg) has caused poisoning.

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	70.0 -80.0 %	200-578-6 603-002-00-5	Flam. Liq. 2: H225
71-23-8	1-Propanol 01-2119486761-29	5.0 -15.0 %	200-746-9 603-003-00-0	Flam. Liq. 2: H225 Eye Damage 1: H318 STOT (SE) 3: H335 H336
NA	Proprietary chrome complex NA	5.0 -10.0 %	NA NA	No GHS classifications apply.
67-63-0	Isopropyl alcohol 01-2119457558-25	5.0 %	200-661-7 603-117-00-0	Flam. Liq. 2: H225 Eye Damage 2: H319 STOT (SE) 3: H335 H336

Section 4. First Aid Measures

4.1 Description of First Aid

Measures:

- In Case of Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation. If inhaled, remove to fresh air.
- Get medical aid. Wash clothing before reuse. Flush skin with plenty of soap and water. In Case of Skin Flush skin with plenty of water for at least 15 minutes while removing contaminated **Contact:** clothing and shoes. In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Get medical aid. Gently lift eyelids and flush continuously with water. Flush eyes with In Case of Eye Contact: plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. In case of contact, immediately flush eyes with plenty of water for a t least 15 minutes. In Case of Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid. Potential for aspiration if swallowed. Get medical aid immediately. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs naturally, have victim lean forward.



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Note for the Doctor:Treat symptomatically and supportively. Persons with skin or eye disorders or liver,
kidney, chronic respiratory diseases, or central and peripheral nervous sytem diseases
may be at increased risk from exposure to this substance.
Antidote: Replace fluid and electrolytes. Urine acetone test may be helpful in diagnosis.
Hemodialysis should be considered in severe intoxication.

Section 5. Fire Fighting Measures

5.1 Suitable Extinguishing For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.
 Media: For large fires, use water spray, fog, or alcohol-resistant foam. Use water spray to cool fire-exposed containers. Water may be ineffective. Do NOT use straight streams of water. Use dry chemical, carbon dioxide, or alcohol-resistant foam. For large fires, use dry chemical, carbon dioxide, or alcohol-resistant foam. For large fires, use dry chemical, carbon dioxide, or alcohol-resistant foam. For small fires, use carbon dioxide, dry chemical, dry sand, or alcohol-resistant foam. Cool containers with flooding quantities of water until well after fire is out.

5.2 Flammable Properties

and Hazards:		
Flash Pt:	11.70 C (53.1 F)	Method Used: Estimate
Explosive Limits:	LEL:	UEL:
Autoignition Pt:	> 350.00 C (662.0	0 F)

 5.3 Fire Fighting Instructions:
 Replace fluid and electrolytes. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Will burn if involved in a fire. Flammable Liquid. Can release vapors that form explosive mixtures at temperatures above the flashpoint. Use water spray to keep fire-exposed containers cool. Get medical aid. Combustion generates toxic fumes. During a fire, irritating and highly toxic gases may be generated by thermal

decomposition or combustion. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas. Flammable liquid and vapor. May form explosive peroxides. Vapors are heavier than air and may travel to a source of ignition and flash back.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:
- 6.2 Environmental Precautions:

6.3 Methods and Material Use For Containment and Spill Cleaning Up: in su

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. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. A vapor suppressing foam may be used to reduce vapors. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Use water spray to disperse the gas/vapor. Use water spray to dilute spill to a non-flammable mixture.



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		Section 7. Handling and Storage
7.1	Precautions To Be Taken in Handling:	 Wash thoroughly after handling. Use only in a well-ventilated area. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Do not get on skin or in eyes. Do not ingest or inhale. Take precautionary measures against static discharges. Use only with adequate ventilation. Avoid breathing dust, mist, or vapor. Do not allow to evaporate to near dryness.
7.2	Precautions To Be Taken in Storing:	Keep away from heat, sparks and flame. Keep away from sources of ignition. Store in a tightly closed container. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area. Do not store near perchlorates, peroxides, chromic acid or nitric acid. Do not store near combustible materials. Store in a cool, dry place. Do not store in direct sunlight. After opening, purge container with nitrogen before reclosing. Periodically test for peroxide formation on long-term storage. Addition of water or appropriate reducing materials will lessen peroxide formation. Store protected from moisture. Containers should be dated when opened and tested periodically for the presence of peroxides. Should crystals form in a peroxidizable liquid, peroxidation may have occurred and the product should be considered extremely dangerous. In this instance, the container should only be opened remotely by professionals. All peroxidizable substances should be stored away from heat and light and be protected from ignition sources.

Section 8. Exposure Controls/Personal Protection

8.1 E	xposure Parameters:			
CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
64-17-5	Ethyl alcohol	ACGIH TLV	TLV: 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: ()	
71-23-8	1-Propanol	ACGIH TLV	TLV: 200 ppm STEL: (250 ppm)	
		France VL	TWA: 500 mg/m3 (200 ppm)	
		OSHA PELs	PEL: 200 ppm	
		Britain EH40	TWA: 500 mg/m3 (200 ppm) STEL: 625 mg/m3 (250 ppm)	Skin Absorption
67-63-0	Isopropyl alcohol	ACGIH TLV	TLV: 200 ppm STEL: 400 ppm	
		France VL	STEL: 980 mg/m3 (400 ppm)	
		OSHA PELs	PEL: 400 ppm	
		Britain EH40	TWA: 999 mg/m3 (400 ppm) STEL: 1250 mg/m3 (500 ppm)	



8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.):
 Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

8.2.2 Personal protection equipment:

Eye Protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Wear chemical splash goggles.
Protective Gloves:	Wear appropriate protective gloves to prevent skin exposure. Wear appropriate gloves to prevent skin exposure.
Other Protective Clothing:	Wear appropriate protective clothing to prevent skin exposure. Wear appropriate protective clothing to minimize contact with skin.
Respiratory Equipmen (Specify Type):	t A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section 9. Physical and Chemical Properties

9.1	1 Information on Basic Physical and Chemical Properties					
	Physical States:	[]Gas [X]Liquid []S	olid			
	Appearance and Odor:	Black.				
		alcohol-like.				
	pH:					
	Melting Point:	-127.00 C (-196.6 F)88.00 C (-126.4 F)				
	Boiling Point:	78.00 C (172.4 F) - 97.00 C (206	; (206.6 F)			
	Flash Pt:	11.70 C (53.1 F) Method Used	: Estimate			
	Evaporation Rate:					
	Flammability (solid, gas):					
	Explosive Limits:	LEL:	UEL:			
	Vapor Pressure (vs. Air or					
	mm Hg):					
	Vapor Density (vs. Air = 1):					
	Specific Gravity (Water = 1):					
	Density:	~ 0.8040 G/CM3				
	Solubility in Water:					
	Octanol/Water Partition					
	Coefficient:					
	Autoignition Pt:	> 350.00 C (662.0 F)				
	Decomposition Temperature:					
	Viscosity:					
9.2	Other Information					
	Percent Volatile:					



10.1 Reactivity:

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Section 10. Stability and Reactivity

10.1 10.2 10.3	Stabilit Condit	5	Unstable []	Stable [X]	I				
10.5		ous Reactions:	Will occur []	Will not oc	ccur [X]				
		ous Reactions:					_			
10.4	Condit Instabi	ions To Avoid - lity:	Incompatibl	le ma	terials, Igniti	on sources	. Excess	s heat. Light.		
10.5 Incompatibility - Materials To Avoid: 10.6 Hazardous			Strong oxidizing agents, acids, Alkali metals, Ammonia, hydrazine, Peroxides, Sodium, Acid anhydrides, calcium hypochlorite, chromyl chloride, nitrosyl perchlorate, bromine pentafluoride, Perchloric acid, silver nitrate, mercuric nitrate, potassium tert-butoxide, magnesium perchlorate, Acid chlorides, platinum, uranium hexafluoride, silver oxide, iodine heptafluoride, acetyl bromide, disulfuryl difluoride, tetrachlorosilane + water, acetyl chloride, permanganic acid, ruthenium (VIII) oxide, uranyl perchlorate, Oxidizing agents, Strong acids, Strong bases, Amines, ethylene oxide, isocyanates, acetaldehyde, chlorine, phosgene, Attacks some forms of plastics, rubbers, and coatings. aluminum at high temperatures. Carbon monoxide, irritating and toxic fumes and gases.							
	Decom Byproc	position or			, 3			0		
	Бургос		Section	44	Tovico		nform	otion		
			Section		Toxico	logical i	niom	Tation		
11.1 Information on Toxicological Effects: Carcinogenicity/Other Information:				CGIH,	IARC, NTP			-	65. CAS# 71 Not listed by	I-23-8: Not ACGIH, IARC,
CAS	#	Hazardous Com	ponents (Che	emica	l Name)		NTP	IARC	ACGIH	OSHA
64	-17-5	Ethyl alcohol					n.a.	1	A4	n.a.
71	-23-8	1-Propanol					n.a.	n.a.	n.a.	n.a.
	NA	Proprietary chror	ne complex				n.a.	n.a.	n.a.	n.a.
67	-63-0	Isopropyl alcohol					n.a.	3	A4	n.a.
			Sectio	on 1	2. Ecolo	gical In	forma	ation		
12.1	Toxicit	y:	urban atmo should be s Physical: N Expected to Other: No in LC50Daphr a high bioch aqueous sy secondary	sphe signific o info o rapio nform nia: 10 hemic vstem waste	re) to an est cant. rmation ava dly volatilize ation availal 000 ppm; 96 al oxygen d s, a low pote treatment r	imated rang ilable. ole. Ecotoxi oh; LC50Fis emand and ential to affe nicrobial me	ge of 4 to city: Fisl h: Gold a poten ect aqua	5 6 days in le h: Fathead M orfe: 8970-92 tial to cause tic organisms n, a low pote	ss polluted an innow: 1000	; LC50 IPA has etion in tial to affect the

No information available.

unacclimated microorganisms from activated sludge.

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Physical: THOD: 2.40 g oxygen/gCOD: 2.23 g oxygen/gBOD-5: 1.19-1.72 g oxygen/g.

- 12.2 Persistence and Degradability:
- 12.3 Bioaccumulative Potential:
- 12.4 Mobility in Soil:
- 12.5 Results of PBT and vPvB assessment:
- 12.6 Other adverse effects:

Section 13. Disposal Considerations

 13.1 Waste Disposal Method:
 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.

 RCRA P-Series: None listed.
 RCRA U-Series: None listed.

Section 14. Transport Information

14.1 LAND TRANSPORT (US DOT):

67-63-0

DOT Proper Shipping Name	: METHANOL. I	N-PROPANOL. ISOPROPANOL.	
DOT Hazard Class:	3	FLAMMABLE LIQUID	
UN/NA Number:	UN1210	Packing Group:	П



14.1 LAN	D TRANSPORT (C	anadian TDG):			
TDG Shi	pping Name:	METHANOL. No inform	ation available. ISC	OPROPANOL.	
UN Num	ber:	1210	Packing G	roup:	II
Hazard C	Class:	3 - FLAMMABLE LIQUI	D TDG Class	sification:	
14.1 LAN	D TRANSPORT (E	uropean ADR/RID):			
ADR/RIC	O Shipping Name:				
UN Number: 1210		Packing G	Packing Group:		
Hazard (Hazard Class: 3 - FLAMMABLE LIQUI		ID		
		Section 15. Regu	latory Inform	nation	
EPA SARA (S	Superfund Amendm	ents and Reauthorization Ac	t of 1986) Lists		
CAS #	Hazardous Comp	oonents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
64-17-5	Ethyl alcohol		No	No	No
71-23-8	1-Propanol		No	No	No
NA	Proprietary chrom	e complex	No	No	No

No

No

Isopropyl alcohol

Yes



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This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

	a meets the EPA mazard Categories denn			
[] Yes [X] No			toxicity (any route of ex	posure)
[] Yes [X] No	Flammable (gases, aerosols, liquid, or solid)		Corrosion or Irritation	-:
[] Yes [X] No	Oxidizer (liquid, solid or gas)		us eye damage or eye ir	
[] Yes [X] No			ratory or Skin Sensitizat	ion
	Pyrophoric (liquid or solid)		cell mutagenicity	
	Pyrophoric gas		nogenicity	
[] Yes [X] No	Self-heating		ductive toxicity	ainale or repeated evenesure)
[] Yes [X] No	Organic peroxide		• • •	single or repeated exposure)
[] Yes [X] No	Corrosive to metal		ation Hazard	
[] Yes [X] No [] Yes [X] No	Gas under pressure (compressed gas) In contact with water emits flammable gas		e Asphyxiant th) Hazard Not Otherwis	a Classified (UNOC)
[] Yes [X] No	Combustible Dust			
[] Yes [X] No	(Physical) Hazard Not Otherwise Classified (HNOC)			
CAS #		Canadian NPRI	Canadian Toxic	Canadian DSL
	Hazardous Components (Chemical Name)			
64-17-5	Ethyl alcohol	Yes: Part 5		Yes
71-23-8	1-Propanol	No	No	Yes
NA	Proprietary chrome complex	No	No	No
67-63-0	Isopropyl alcohol	Yes: Part 5		Yes
CAS #	Hazardous Components (Chemical Name)	Other US EPA or	State Lists	
64-17-5	Ethyl alcohol	TSCA: Yes - Inve Title 8; NC TAP:	-	No; CA TAC, Title 8:
71-23-8	1-Propanol	TSCA: Yes - Inve Title 8; NC TAP:	-	No; CA TAC, Title 8:
NA	Proprietary chrome complex	TSCA: No; CA P No	ROP.65: No; CA TAC	C, Title 8: No; NC TAP:
67-63-0	Isopropyl alcohol	TSCA: Yes - Inve TAC: Cat. IIb, Title	•	No; CA TAC, Title 8:
CAS #	Hazardous Components (Chemical Name)	International Reg	ulatory Lists	
64-17-5	Ethyl alcohol	-	s; Australia ICS: Yes;	· New Zealand IOC:
04-17-3		Yes; Japan ENC Yes - Cat.; Germ Giftliste 1: Yes - G	S: Yes - 5-153; Japaı any WHCS: Yes - 96:	n ISHL: No; Israel HSL: WGK 1; Switzerland NNS: No; REACH: Yes
71-23-8	1-Propanol	IOC: Yes; Japan HSL: No; Germa Giftliste 1: Yes - G	ENCS: Yes - 2-207; ny WHCS: Yes - 176:	S: Yes; New Zealand Japan ISHL: No; Israel WGK 1; Switzerland NNS: No; REACH: Yes am: No
NA	Proprietary chrome complex	Japan ENCS: No;	Japan ISHL: No; Is zerland Giftliste 1: No	New Zealand IOC: No; rael HSL: No; Germany ; Switzerland INNS: No;
67-63-0	Isopropyl alcohol	Mexico INSQ: Ye IOC: Yes; Japan 2-(8)-319; Israel I WGK 1; Switzerla	s - 1219; Australia IC ENCS: Yes - 2-207;	many WHCS: Yes - 135: G-1712; Switzerland



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Canadian WHMIS Classification:



CLASS B, DIVISION 2: Flammable Liquids

CLASS D, DIVISION 2, SUBDIVISION A: Very Toxic Materials (carcinogens, reproductive toxicity, etc.)

Section 16. Other Information



Additional Information About This Product:

Company Policy or Disclaimer: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information presented in this document. Final determination of suitability of any material is the sole responsibility of the user to follow local, state and federal laws and regulations in regards to handling of hazardous materials. Although certain hazards are described herein, unknown hazards may exist and caution should always be exercised.

Hitachi Contact Information: Christian Krzykwa (980)500-7144