

1. Product and Company Identification

Product Name: JP-K407, 3407K
Company Name: Hitachi Industrial Equipment & Solutions America, LLC
2730 Greenleaf Avenue
Elk Grove Village, IL 60007
Phone Number: (866)583-0048
Web site address: <https://www.hitachi-iesa.com/industrial-marking-and-coding>
Emergency Contact: Chemtrec (800)424-9300
Information: Christian Krzykwa (980)500-7144
Intended Use: Printing ink

2. Hazards Identification

Flammable Liquids, Category 2
Acute Toxicity: Inhalation, Category 5
Acute Toxicity: Oral, Category 5
Serious Eye Damage/Eye Irritation, Category 2
Specific Target Organ Toxicity (single exposure), Category 1
Aquatic Toxicity (Chronic), Category 3
Specific Target Organ Toxicity (single exposure), Category 2
Specific Target Organ Toxicity (single exposure), Category 3
Specific Target Organ Toxicity (repeated exposure), Category 1
Aspiration Toxicity, Category 2



GHS Signal Word: **Danger**

GHS Hazard Phrases: H225 - Highly flammable liquid and vapor.
H303+333 - May be harmful if swallowed or inhaled.
H305 - May be harmful if swallowed and enters airways.
H319 - Causes serious eye irritation.
H333 - May be harmful if inhaled.
H335 - May cause respiratory irritation.
H336 - May cause drowsiness or dizziness.
H370 - Causes damage to organs kidneys
H371 - May cause damage to organs .
H372 - Causes damage to organs central and peripheral nervous systems through prolonged or repeated exposure.
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.
P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P260 - Do not breathe 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.

GHS Response Phrases:

P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P307+311 - IF exposed: Call a POISON CENTER or doctor/physician.
P309+311 - Call a POISON CENTER or doctor/physician if exposed or you feel unwell.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P314 - Get medical attention/advice if you feel unwell.
P321 - Specific treatment see on this label.
P331 - Do NOT induce vomiting.
P337+313 - If eye irritation persists, get medical advice/attention.

GHS Storage and Disposal Phrases:

P403+235 - Store in cool & well-ventilated place.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local/regional/national/international regulation.

Emergency Overview:**Potential Health Effects (Acute and Chronic):**

Hazards not otherwise classified (HNOC) or not covered by GHS -none. Hazards not otherwise classified (HNOC) or not covered by GHS. Lachrymator.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
64-17-5	Ethyl alcohol	70.0 -80.0 %
67-63-0	Isopropyl alcohol	< 5.0 %
NA	Proprietary chrome complex	1.0 -10.0 %
98-83-9	.alpha.-Methyl styrene	1.0 -5.0 %
67-56-1	Methanol	< 0.1 %

4. First Aid Measures**Emergency and First Aid Procedures:**

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.

In Case of Skin Contact:

Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact:

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In Case of Ingestion:

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms Of Exposure:

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed:

No data available.

5. Fire Fighting Measures

Flash Pt:	~ 15.20 C (59.4 F)	Method Used: TAG Closed Cup
Explosive Limits:	LEL: No data.	UEL: No data.
Autoignition Pt:	422.00 C (791.6 F)	
Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.	
Fire Fighting Instructions:	Wear self contained breathing apparatus for fire fighting if necessary. Further information.	
Flammable Properties and Hazards:	Carbon oxides.	
Hazardous Combustion Products:	No data available.	

6. Accidental Release Measures

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.
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.
Steps To Be Taken In Case Material Is Released Or Spilled:	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).

7. Handling and Storage

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.
Precautions To Be Taken in Storing:	Keep container tightly closed in a cool, dry, and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage class 510) Handle and store under inert gas. Hygroscopic.
Other Precautions:	Apart from the uses mentioned in section 1 no other specific uses are stipulated. Apart from the uses mentioned in section 1 no other specific uses are stipulated.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64-17-5	Ethyl alcohol	PEL: 1000 ppm	TLV: 1000 ppm STEL: 1000 ppm	No data.
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.
NA	Proprietary chrome complex	No data.	No data.	No data.
98-83-9	.alpha.-Methyl styrene	CEIL: 100 ppm	TLV: 10 ppm STEL: 100 ppm	No data.
67-56-1	Methanol	PEL: 200 ppm	TLV: 200 ppm STEL: 250 ppm	No data.

Personal Protective Equipment Symbols:



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). Respiratory:

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).

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: 0.4 mm.

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. Material: Fluorinated rubber Minimum layer thickness: 0.7 mm.

Break through time: 480 min.

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.

Engineering Controls (Ventilation etc.):

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Work/Hygienic/Maintenance Practices:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Environmental Exposure Controls:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. Physical and Chemical Properties

Physical States:

[] Gas [X] Liquid [] Solid

Appearance and Odor:

Black.
solvent odor.

pH:

No data.

Melting Point:

NA -89.50 - 129.10 C (264.4 F)

Boiling Point:

No data. - 82.00 C (179.6 F)

Flash Pt:

~ 15.20 C (59.4 F) Method Used: TAG Closed Cup

Evaporation Rate:

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.

Vapor Density (vs. Air = 1):

No data.

Specific Gravity (Water = 1):

~ 0.957

Density: ~ 0.785 g/mL
Solubility in Water: No data.
Saturated Vapor Concentration: No data.
Octanol/Water Partition Coefficient: No data.
Autoignition Pt: 422.00 C (791.6 F)
Decomposition Temperature: No data.
Viscosity: No data.

Explosive Properties: No data available.
Oxidizing Properties: No data available.

Information with regard to primary physical hazard:

10. Stability and Reactivity

Reactivity: No data available.
Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: Heat, flames and sparks. Extremes of temperature and direct sunlight.
Incompatibility - Materials To Avoid: Strong oxidizing agents. Oxidizing agents, Acid anhydrides, Aluminum, Halogenated compounds, Acids. Strong oxidizing agents, Peroxides, organometallic compounds. metallic salts.
Hazardous Decomposition or Byproducts: No data available. In the event of fire: see section 5. Other decomposition products:
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: No data available. Vapors may form explosive mixture with air.

11. Toxicological Information

Toxicological Information: Acute toxicity.
No data available. Inhalation: Dermal. Germ cell mutagenicity: Reproductive toxicity. Aspiration hazard: Ames test.
GHS Classification: Genotoxicity in vitro - mouse - S.typhimurium: Host-mediated assay. Result: negative. Hamster.
Lungs.
Mutagenicity (micronucleus test): Mouse. male.

CAS# 67-63-0:
1. Acute toxicity, TDLo, Oral, Human, 14432. MG/KG.
Result:
Behavioral: Coma.
Vascular: BP lowering not characterized in autonomic section.
Lungs, Thorax, or Respiration: Dyspnea.
- New England Journal of Medicine., Massachusetts Medical Soc., 10 Shattuck St., Boston, MA 02115, Vol/p/yr: 277,699, 1967

2. Acute toxicity, TDLo, Oral, Human, 223.0 MG/KG.

Result:

Behavioral: Hallucinations, distorted perceptions.

Cardiac:Pulse rate.

Vascular: BP lowering not characterized in autonomic section.

- Journal of Laboratory and Clinical Medicine., C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63146, Vol/p/yr: 12,326, 1927

3. Acute toxicity, LDLO, Oral, Human, 3570. MG/KG.

Result:

Behavioral: Coma.

Lungs, Thorax, or Respiration:Respiratory depression.

Gastrointestinal:Nausea or vomiting.

- "Toxicology of Drugs and Chemicals", Deichmann, W.B., Academic Press, Inc., New York, Vol/p/yr: -,339, 1969

4. Acute toxicity, LDLO, Route of Application: Unreported., Human, 2770. MG/KG.

Result:

Biochemical:Enzyme inhibition, induction, or change in blood or tissue levels:

Cytochrome oxidases (including oxidative phosphorylation).

- Poisoning; Toxicology, Symptoms, Treatments, 2nd ed., Arena, J.M., C.C. Thomas, Springfield, IL, Vol/p/yr: 2,73, 1970

5. Acute toxicity, LD50, Oral, Mouse, 3600. MG/KG.

Result:

Behavioral: Altered sleep time (including change in righting reflex).

Behavioral: Somnolence (general depressed activity).

- Gigiena i Sanitariya, Mezhdunarodnaya Kniga, ul. B. Yakimanka, 39, 113095, Moscow 113095 Russia, Vol/p/yr: 43(1),8, 1978

6. Acute toxicity, LCLO, Inhalation, Mouse, 12800. PPM, 3 H.

Result:

Maternal Effects: Other effects.

- Interagency Collaborative Group on Environmental Carcinogenesis, National Cancer Institute, Memorandum, June 1, Vol/p/yr: 17JU, 1974

7. Acute toxicity, LD50, Intraperitoneal, Mouse, 4477. MG/KG.

Result:

Skin and Appendages: Skin: After topical exposure: Dermatitis, allergic.

- EHP, Environmental Health Perspectives., U.S. Government Printing Office, Supt of Documents, Washington, DC 20402, Vol/p/yr: 61,321, 1985

8. Acute toxicity, LD50, Intravenous, Mouse, 1509. MG/KG.

Result:

Lungs, Thorax, or Respiration:Fibrosis, focal (pneumoconiosis).

Lungs, Thorax, or Respiration:Acute pulmonary edema.

- EHP, Environmental Health Perspectives., U.S. Government Printing Office, Supt of Documents, Washington, DC 20402, Vol/p/yr: 61,321, 1985

9. Acute toxicity, LD50, Oral, Species: Rabbit, 6410. MG/KG.

Result:

Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).

Effects on Newborn: Biochemical and metabolic.

- FAO Nutrition Meetings Report Series., Vol/p/yr: 48A,114, 1970

10. Acute toxicity, LD50, Skin, Species: Rabbit, 12800. MG/KG.

Result:

Specific Developmental Abnormalities: Respiratory system.

- Raw Material Data Handbook, Vol.1: Organic Solvents, 1974., National Assoc. of Printing Ink Research Institute, Francis McDonald Sinclair Memorial Labor, Lehigh Univ., Bethlehem, PA 18015, Vol/p/yr: 1,100, 1974

11. Acute toxicity, LD50, Intraperitoneal, Species: Rabbit, 667.0 MG/KG.

Result:

Specific Developmental Abnormalities: Craniofacial (including nose and tongue).

- EHP, Environmental Health Perspectives., U.S. Government Printing Office, Supt of Documents, Washington, DC 20402, Vol/p/yr: 61,321, 1985

12. Acute toxicity, TCLo, Inhalation, Human, 35.00 ppm.

Result:

Cardiac: Pulse rate decreased with fall in BP.

Lungs, Thorax, or Respiration: Other changes.

- Neurotoxicology., Intox Press, Inc., POB 34075, Little Rock, AR 72203, Vol/p/yr: 24,179, 2003

13. Acute toxicity, LDLO, Route of Application: Unreported., Human, 2.000 mL/kg.

Result:

Specific Developmental Abnormalities: Central nervous system.

Specific Developmental Abnormalities: Craniofacial (including nose and tongue).

Specific Developmental Abnormalities: Other developmental abnormalities.

- Japanese Journal of Toxicology, Yakugyo Jihosha, Hokushin Bldg., 2-36 Jinbo-cho, Kanda, Chiyoda, Tokyo 101 Japan, Vol/p/yr: 12,341, 1999

14. Standard Draize Test, Skin, Species: Rabbit, 500.0 MG.

Result:

Tumorigenic: Carcinogenic by RTECS criteria.

Liver: Tumors.

Blood: Leukemia.

- National Technical Information Service, Vol/p/yr: AD-A106-94,

15. Standard Draize Test, Eyes, Species: Rabbit, 100.0 MG.

Result:

Tumorigenic: Carcinogenic by RTECS criteria.

Liver: Tumors.

Blood: Leukemia.

- American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

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 Serious eye damage/eye irritation Eyes -rabbit. Serious eye damage/eye irritation: Eyes - rabbit - Skin: Rabbit.

Result: Mild skin irritation -4 Eyes.

Sensitization:

No data available.

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: Inhalation. Oral. May cause drowsiness or dizziness.
Specific target organ toxicity - repeated exposure: Specific target organ toxicity -single exposure: May cause respiratory irritation.

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. IARC: 3 -Group 3: Not classifiable as to its carcinogenicity to humans. IARC: 2B - Group 2B: Possibly carcinogenic to humans (2-Phenylpropene).

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64-17-5	Ethyl alcohol	n.a.	1	Unknown	n.a.
67-63-0	Isopropyl alcohol	n.a.	3	Unknown	n.a.
NA	Proprietary chrome complex	n.a.	n.a.	n.a.	n.a.
98-83-9	.alpha.-Methyl styrene	n.a.	2B	n.a.	n.a.
67-56-1	Methanol	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information:	No data available.
Results of PBT and vPvB assessment:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
Persistence and Degradability:	No data available. Biodegradability: aerobic -Exposure time 28. Result: 56 % -Not readily biodegradable. (OECD Test Guideline 301D)
Bioaccumulative Potential:	No data available. Bioaccumulation: Cyprinus carpio (Carp): 56 d at 25 °C -0.3 mg/l Bioconcentration factor (BCF): 15 -140
Mobility in Soil:	No data available.
Other adverse effects:	No data available. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects. Avoid release to the environment.

13. Disposal Considerations

Waste Disposal Method:	Product: 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. Contaminated packaging:
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14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Printing ink.
DOT Hazard Class: 3 FLAMMABLE LIQUID
UN/NA Number: UN1210 **Packing Group:** II



LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Printing ink.
UN Number: UN1210 **Packing Group:** II
Hazard Class: 3 - FLAMMABLE LIQUID **TDG Classification:**

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Printing ink.
UN Number: UN1210 **Packing Group:** II
Hazard Class: 3 - FLAMMABLE LIQUID

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Printing ink.
UN Number: UN1210 **Packing Group:** II
Hazard Class: 3 - FLAMMABLE LIQUID
IMDG MFAG Number:
Marine Pollutant: Yes

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Printing ink.
UN Number: UN1210 **Packing Group:** II
Hazard Class: 3 - FLAMMABLE LIQUID

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
67-63-0	Isopropyl alcohol	No	No	Yes
NA	Proprietary chrome complex	No	No	No
98-83-9	.alpha.-Methyl styrene	No	No	No
67-56-1	Methanol	No	Yes NA	Yes

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

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Explosive	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Acute toxicity (any route of exposure)
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Flammable (gases, aerosols, liquid, or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Skin Corrosion or Irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Oxidizer (liquid, solid or gas)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Serious eye damage or eye irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-reactive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Respiratory or Skin Sensitization
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric (liquid or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Germ cell mutagenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Carcinogenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-heating	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Reproductive toxicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Organic peroxide	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Specific target organ toxicity (single or repeated exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corrosive to metal	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Aspiration Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Gas under pressure (compressed gas)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Simple Asphyxiant
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In contact with water emits flammable gas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(Health) Hazard Not Otherwise Classified (HNOC)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Combustible Dust		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Physical) Hazard Not Otherwise Classified (HNOC)		

CAS #	Hazardous Components (Chemical Name)	Canadian NPRI	Canadian Toxic	Canadian DSL
64-17-5	Ethyl alcohol	Yes: Part 5		Yes
67-63-0	Isopropyl alcohol	Yes: Part 5		Yes
NA	Proprietary chrome complex	No	No	No
98-83-9	.alpha.-Methyl styrene			Yes
67-56-1	Methanol	Yes: Part 5		Yes

California Proposition 65



WARNING

This product can expose you to chemicals including .alpha.-Methyl styrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.
This product can expose you to chemicals including Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64-17-5	Ethyl alcohol	TSCA: Inventory CA TAC, Title 8: Title 8
67-63-0	Isopropyl alcohol	TSCA: Inventory CA TAC, Title 8: TAC: Cat. IIb, Title 8
NA	Proprietary chrome complex	
98-83-9	.alpha.-Methyl styrene	TSCA: Inventory, 8D TERM CA PROP.65: Yes: Canc. CA TAC, Title 8: Title 8
67-56-1	Methanol	TSCA: Inventory CA PROP.65: Yes: RDTox. CA TAC, Title 8: TAC: Cat. IIa, Title 8 NC TAP: Yes: US HAP

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
64-17-5	Ethyl alcohol	Japan ENCS: 5-153 Israel HSL: Cat. Germany WHCS: 96: WGK 1 Switzerland Giftliste 1: G-1158 REACH: 01-2119457610-43: Full, (P)
67-63-0	Isopropyl alcohol	Mexico INSQ: 1219 Japan ENCS: 2-207 Japan ISHL: 2-(8)-319 Israel HSL: Cat. Germany WHCS: 135: WGK 1 Switzerland Giftliste 1: G-1712 REACH: 01-2119457558-25: Full, (P)
NA	Proprietary chrome complex	REACH: (P)
98-83-9	.alpha.-Methyl styrene	Japan ENCS: 9-2603 Germany WHCS: 8282: WGK 2 Switzerland Giftliste 1: G-2534 REACH: 01-2119472426-35: Full, (P)
67-56-1	Methanol	Japan ENCS: 7-322 Israel HSL: Cat. Germany WHCS: 145: WGK 1 Switzerland Giftliste 1: G-2063 REACH: 01-2119433307-44: Full, (P)

16. Other Information

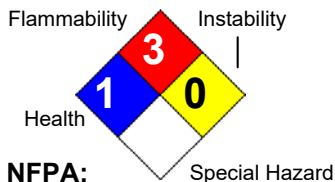
Revision Date: 11/30/2022

Previous revision: 08/07/2018

Hazard Rating System:

HEALTH	1
FLAMMABILITY	3
PHYSICAL	0
PPE	B

HMIS:



NFPA:

Additional Information About This Product:

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

Company Policy or Disclaimer: