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| | 1. Product and Company Ide | ntification |
|--------------------|---|---------------|
| Product Name: | JP-E431ci, E3431ci | |
| Company Name: | Hitachi Industrial Equipment & Solutions | Phone Number: |
| | America, LLC | (866)583-0048 |
| | 2730 Greenleaf Avenue | |
| | Elk Grove Village, IL 60007 | |
| Web site address: | http://www.hitachi-america.us/ice/marking-a | and-coding |
| Emergency Contact: | Chemtrec | (800)424-9300 |
| Information: | Christian Krzykwa | (980)500-7144 |
| | | |

2. Hazards Identification

Flammable Liquids, Category 3 Serious Eye Damage/Eye Irritation, Category 2A Flammable Liquids, Category 2 Specific Target Organ Toxicity (single exposure), Category 3 Acute Toxicity: Oral, Category 4 Skin Corrosion/Irritation, Category 1A Serious Eye Damage/Eye Irritation, Category 1



| GHS Signal Word: | Danger |
|----------------------------|---|
| GHS Hazard Phrases: | H225 - Highly flammable liquid and vapor. |
| | H226 - Flammable liquid and vapor. |
| | H302 - Harmful if swallowed. |
| | H314 - Causes severe skin burns and eye damage. |
| | H318 - Causes serious eye damage. |
| | H319 - Causes serious eye irritation. |
| | H336 - May cause drowsiness or dizziness. |
| GHS Precautionary Phrases: | P210 - Keep away from heat/sparks/open flames/hot surfaces No smoking. |
| | P233 - Reep container lightly closed. |
| | P240 - Ground/bond container and receiving equipment. |
| | P241 - Use only non-sparking tools |
| | P243 - Take precautionary measures against static discharge |
| | P260 - Do not breathe dust/fume/gas/mist/vapors/sprav |
| | 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. |
| | 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. |



| GHS Storage and Disposal | P310 - Immediately call a POISON CENTER or doctor/physician. P321 - Specific treatment see on this label. P330 - Rinse mouth. P337+313 - If eye irritation persists, get medical advice/attention. P363 - Wash contaminated clothing before reuse. P391 - Collect spillage. P403+233 - Store container tightly closed in well-ventilated place. | | |
|---|---|--|--|
| Phrases: | P405 - Store locked up. P501 - Dispose of contents/container | | |
| Other Hazards: | Harmful to aquatic life. Harmful to aquatic life with long lasting effects. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. | | |
| 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. | | |
| Inhalation: | May be harmful if inhaled. | | |
| Skin Contact: | May be harmful if absorbed through the skin. May cause skin irritation. | | |
| Eye Contact: | May cause eye irritation. | | |
| Ingestion: | May be harmful if swallowed. | | |
| 3 | . Composition/Information on Ingredients | | |
| CAS # Hazardous Com | ponents (Chemical Name) Concentration | | |
| 64-17-5 Ethyl alcohol | 75.0 -80.0 % | | |
| 9000-59-3 Shellac | 7.0 -12.0 % | | |
| 67-64-1 Acetone | 1.0 -5.0 % | | |
| 1336-21-6 Ammonium hydr | oxide 1.0 -5.0 % | | |
| 57-55-6 Propylene glycol | 0.0 -3.0 % | | |
| 3844-45-9 C.I. Acid Blue 9, | Disodium salt 0.5 -2.0 % | | |
| | 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. Consult a physician. | | |
| In Case of Skin Contact: | Wash off with soap and plenty of water. Consult a physician. Take off contaminated clothing and shoes immediately. | | |
| 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. Continue rinsing eyes during transport to hospital. | | |
| 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 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 speci treatment needed: | No data available. al | | |



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| 5. Fire Fighting Measures | | | |
|--|--|--|--|
| Flash Pt: | > 10.00 C (50.0 F) Method Used: TAG Closed Cup | | |
| Explosive Limits: | LEL: UEL: | | |
| Autoignition Pt: | | | |
| 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. No data available. | | |
| Flammable Properties and Hazards: | Carbon oxides, No data available. Carbon oxides, nitrogen oxides (NOx), Sulphur oxides. | | |
| Hazardous Combustion | | | |
| Products: | | | |
| | 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. Prevent further leakage or spillage if safe to do so. Do not let product enter drains | | |
| Environmental Precautions. | Discharge into the environment must be avoided. Methods and materials for containment and cleaning up: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. | | |
| 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). Personal precautions. Avoid dust formation. Environmental precautions. Do not let product enter drains. Methods for cleaning up. Sweep up and shovel. Keep in suitable, closed containers for disposal. Soak up with inert absorbent material and dispose of as hazardous waste. Pick up and arrange disposal without creating dust. | | |
| | 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. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. Use explosion-proof equipment. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. | | |
| 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. Storage class 510) Hygroscopic. | | |
| Other Precautions: | Apart from the uses mentioned in section 1.2 no other specific uses are stipulated. Apart from the uses mentioned in section 1.2 no other specific uses are stipulated. | | |



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| 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 | | | |
| 9000-59-3 | Shellac | | | | | | |
| 67-64-1 | Acetone | | PEL: 1000 ppm | TLV: 250 ppm STEL: 500 ppm | | | |
| 1336-21-6 | Ammonium hydro | Ammonium hydroxide | | | | | |
| 57-55-6 | Propylene glycol | | | | | | |
| 3844-45-9 | C.I. Acid Blue 9, I | Disodium salt | | | | | |
| Respiratory EquipmentW(Specify Type):re.ca | | Where risk assess respirator with mul cartridges as a bac If the respirator is | 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. | | | | |
| | | Use respirators an standards such as nuisance levels of masks. Where risk full-face respirator respirator cartridge Respiratory protect | id components tested a NIOSH (US) or CEN (dusts are desired, use assessment shows air with multi- purpose con es as a backup to engir stion is not required. | and approved under approp EU). is not required. Where type N95 (US) or type P1 r-purifying respirators are a mbination (US) or type ABI neering controls. Wear resp | priate government e protection from (EN 143) dust appropriate use a EK (EN 14387) piratory protection. | | |
| Eye Protecti | ion: | Use equipment for standards such as (8-inch minimum). | eye protection tested a NIOSH (US) or EN 16 Safety glasses with sid | and approved under appro 6(EU). Tightly fitting safety de-shields conforming to El | priate government goggles. Faceshield N166. | | |
| Protective Gloves: Handle with gloves. Gloves must be inspected prior to use. technique (without touching glove's outer surface) to avoid Dispose of contaminated gloves after use in accordance w laboratory practices. Wash and dry hands. Full contact. Material: butyl-rubber Minimum layer thickness: 0.3 mm Br Material: Nitrile rubber Minimum layer thickness: 0.11 mm | | ected prior to use. Use pro surface) to avoid skin cont in accordance with applic s. Full contact. kness: 0.3 mm Break throu ckness: 0.11 mm. | per glove removal tact with this product. able laws and good ugh time: 480 min. | | | | |
| | | This recommenda and safety officer t It should not be co | tion is advisory only an familiar with the specific onstrued as offering an | d must be evaluated by an c situation of anticipated us approval for any specific u | industrial hygienist se by our customers. se scenario. | | |
| Other Protec | ctive Clothing: | Impervious clothing. Flame retardant antistatic protective clothing. The type of protequipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Complete suit protecting against chemicals. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. | | | he type of protective ount of the ecting against centration and | | |
| Engineering (Ventilation | Controls etc.): | Handle in accorda before breaks and | nce with good industria at the end of workday. | I hygiene and safety practi | ice. Wash hands | | |
| Work/Hygier Practices: | nic/Maintenance | General industrial and safety practice | hygiene practice. Hanc e. Wash hands before b | lle in accordance with good preaks and at the end of we | d industrial hygiene orkday. | | |
| Environmen Controls: | tal Exposure | Prevent further lea | kage or spillage if safe environment must be a | to do so. Do not let producavoided. | ct enter drains. | | |



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| | 9. Physical and Chemical Properties | | | |
|-------------------------------|-------------------------------------|-----------|-------------------------|--|
| Physical States: | []Gas [X | [] Liquid | [X] Solid | |
| Appearance and Odor: | Blue. | | | |
| | alcohol-like. | | | |
| pH: | | | | |
| Melting Point: | | | | |
| Boiling Point: | | | | |
| Flash Pt: | > 10.00 C (50.0 | DF) Metho | od Used: TAG Closed Cup | |
| 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): | | | | |
| Solubility in Water: | | | | |
| Octanol/Water Partition | | | | |
| Coefficient: | | | | |
| Autoignition Pt: | | | | |
| Decomposition Temperature | : | | | |
| Viscosity: | | | | |
| 10. Stability and Reactivity | | | | |

| | To: Otability and Reactivity |
|---|---|
| Reactivity: | No data available. |
| Stability: | Unstable [] Stable [X] |
| Conditions To Avoid - Instability: | Heat, flames and sparks. Extremes of temperature and direct sunlight. No data available. Conditions to Avoid: |
| Incompatibility - Materials To Avoid: | Strong oxidizing agents, Strong reducing agents, Bases, Copper, Iron. Zinc. Acid chlorides, Acid anhydrides, Chloroformates, Reducing agents. |
| Hazardous Decomposition or Byproducts: | No data available. In the event of fire: see section 5. formed under fire conditions. 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 | Informatic | on | | |
|---|---|--|---|--|---|---|
| Toxicologica | Il Information: | Acute toxicity. No data available. Inhalation: De Aspiration hazard: (Ammonium h Specific target organ toxicity - sin exposure: Kidney, Ureter, Bladde Blood:Changes in spleen. Behavi Hamster. Lungs. Cytogenetic analysis. | rmal. Germ cel nydroxide) gle exposure: { r:Changes in b foral: Muscle co | Il mutagenici Specific targe oth tubules a ontraction or | ty: Reproduc et organ toxic and glomeruli spasticity. | tive toxicity. ity - repeated |
| Irritation or (| Corrosion: | Skin corrosion/irritation. No data a available. Provide adequate venti Result: Tumorigenic:Tumors at si Skin: Human. Mild skin irritation -7 d Serious ey | available. Seric lation. te or applicatio e damage/eye | ous eye dam n. Eyes - rat irritation Eye | age/eye irrita obit - es -Rabbit Ey | tion no data es: |
| Sensitization | n: | No data available. Guinea pig 88 | %, 4 | | | |
| Chronic Tox Effects: Carcinogenic Information: | Ization:No data available. Guinea pig 889Result: Tumorigenic:Tumors at sitic Toxicologicals:available.IARC: No component of this produidentified as probable, possible or ACGIH: No component of this produidentified as a carcinogen or poterNTP: No component of this produidentified as a known or anticipate OSHA: No component of this produidentified as a carcinogen or poter dizziness.specific target organ toxicity - rep lation:Iogenicity/OtherIARC: No component of this produidentified as probable, possible or NTP: No component of this produidentified as a carcinogen or poter dizziness.specific target organ toxicity - rep laRC: No component of this produidentified as probable, possible or NTP: No component of this produidentified as a known or anticipate OSHA: No component of this produidentified as a carcinogen or poter component that is not classifiable NTP, or EPA classification. ACGII greater than or equal to 0.1% is ic ACGIH. Rat. Parenteral. Tumorique | | gle exposure (C uct present at la r confirmed hur oduct present at antial carcinoge act present at la ed carcinogen la duct present at la reated exposur uct present at la ed carcinogen la duct present at la ential carcinoge as to its carcir H: No compone dentified as a c enic: Equivoca .ymphomas inc | Biobally Harr levels greate man carcinog t levels great n by ACGIH evels greater by NTP. levels great man carcinog evels greater by NTP. levels greater by NTP. | nonized Syste or than or equi- gen by IARC. ter than or equi- than or equi- may cause d or than or equi- gen by IARC. than or equi- than or eq | em) No data al to 0.1% is jual to 0.1% is l to 0.1% is ual to 0.1% is rowsiness or al to 0.1% is l to 0.1% is ual to 0.1% is is or contains a RC, ACGIH, t at levels cinogen by ECS criteria. . IARC: Group |
| CAS # | Hazardous Cor | 3: Not classifiable as to its carcine mponents (Chemical Name) | Digenicity to nur | nans 3. IARC | ACGIH | OSHA |
| 64-17-5 | Ethyl alcohol | | n.a. | 1 | A4 | n.a. |
| 9000-59-3 | Shellac | | n.a. | n.a. | n.a. | n.a. |
| 67-64-1 | Acetone | | n.a. | n.a. | A4 | n.a. |
| 1336-21-6 | Ammonium hyd | roxide | n.a. | n.a. | n.a. | n.a. |
| 57-55-6 | Propylene glyco | l | n.a. | n.a. | n.a. | n.a. |
| 3844-45-9 | C.I. Acid Blue 9, Disodium salt | | n.a. | 3 | n.a. | n.a. |



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| | 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 Result: 91 % -Readily biodegradable Readily biodegradable. |
| Bioaccumulative Potential: | No data available. Does not bioaccumulate. |
| 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. Very toxic to aquatic life. Harmful to aquatic life with long lasting effects. |
| | 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: Observe all federal, state, and local environmental regulations. |

Dispose of as unused product.

FLAMMABLE LIQUI

| 14. Transport Information | | | |
|---------------------------|---------------------------------|--|------------------------|
| LAND TRANSPORT (US DOT): | | | |
| DOT Proper Shipping Name: | Printing ink, thinning or re | [flammable or] Printing ink related material [(educing compound), flammable] | including printing ink |
| DOT Hazard Class: | 3 | FLAMMABLE LIQUID | |
| UN/NA Number: | UN1210 | Packing Group: | II |

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Acetone. mixture.

| 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 | | |
| 9000-59-3 | Shellac | No | No | No | | |
| 67-64-1 | Acetone | No | Yes 5000 LB | No | | |
| 1336-21-6 | Ammonium hydroxide | No | Yes 1000 LB | No | | |
| 57-55-6 | Propylene glycol | No | No | No | | |
| 3844-45-9 | C.I. Acid Blue 9, Disodium salt | No | No | No | | |



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

| [] Yes [X] No | Explosive | [X] Yes [] No Acute toxicity (any route of exposure) |
|----------------|---|--|
| [] Yes [X] No | Flammable (gases, aerosols, liquid, or solid) | [X] Yes [] No Skin Corrosion or Irritation |
| [] Yes [X] No | Oxidizer (liquid, solid or gas) | [X] Yes [] No Serious eye damage or eye irritation |
| [] Yes [X] No | Self-reactive | [] Yes [X] No Respiratory or Skin Sensitization |
| [] Yes [X] No | Pyrophoric (liquid or solid) | [] Yes [X] No Germ cell mutagenicity |
| [] Yes [X] No | Pyrophoric gas | [] Yes [X] No Carcinogenicity |
| [] Yes [X] No | Self-heating | [] Yes [X] No Reproductive toxicity |
| [] Yes [X] No | Organic peroxide | [X] Yes [] No Specific target organ toxicity (single or repeated exposure) |
| [] Yes [X] No | Corrosive to metal | [] Yes [X] No Aspiration Hazard |
| [] Yes [X] No | Gas under pressure (compressed gas) | [] Yes [X] No Simple Asphyxiant |
| [] Yes [X] No | In contact with water emits flammable gas | [X] Yes [] No (Health) Hazard Not Otherwise Classified (HNOC) |
| [] Yes [X] No | Combustible Dust | |
| [] Yes [X] No | (Physical) Hazard Not Otherwise Classified (HNOC) | |
| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
| 64-17-5 | Ethyl alcohol | TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: |
| | - | Title 8; NC TAP: No |
| 9000-59-3 | Shellac | TSCA: Yes - Inventory: CA PROP 65: No: CA TAC. Title 8: |
| 3000-33-3 | Onenac | |
| 07.04.4 | | |
| 67-64-1 | Acetone | TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: |
| | | Title 8; NC TAP: No |
| 1336-21-6 | Ammonium hydroxide | TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: |
| | | Title 8; NC TAP: No |
| 57-55-6 | Propylene glycol | TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: |
| | | No; NC TAP: No |
| 3844-45-9 | C.I. Acid Blue 9. Disodium salt | TSCA: Yes - Inventory: CA PROP 65: No: CA TAC. Title 8: |
| | | Title 8: NC TAP: No |
| CAS # | Hazardous Components (Chemical Name) | International Regulatory Lists |
| | | |
| 64-17-5 | Ethyl alconol | Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; |
| | | Australia ICS: Yes; New Zealand IOC: Yes; Japan ENCS: Yes |
| | | - 5-153; Japan ISHL: No; Israel HSL: Yes - Cat.; Germany |
| | | WHCS: Yes - 96: WGK 1; Switzerland Giftliste 1: Yes - G-1158; |
| | | Switzerland INNS: No; REACH: Yes - 01-2119457610-43: Full, |
| | | (P); Rotterdam: No |
| 9000-59-3 | Shellac | Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; |
| | | Australia ICS: Yes; New Zealand IOC: Yes; Japan ENCS: Yes |
| | | - 8-38: Japan ISHL: No: Israel HSL: No: Germany WHCS: No: |
| | | Switzerland Giffliste 1: No: Switzerland INNS: No: REACH |
| | | Yes - (P): Rotterdam: No |
| 67-64-1 | Acetone | Canadian DSI : Ves: Canadian NDSI : No: Mexico INSO: Ves: |
| 07-04-1 | Acelone | Australia ICS: Yes: New Zeeland ICC: Yes: Japan ENCS: Yes |
| | | Australia ICS. Fes, New Zealand ICC. Fes, Japan ENCS. Fes |
| | | - 2-542; Japan ISHL: No; Israel HSL: No; Germany WHCS: |
| | | Yes - 6: WGK 1; Switzerland Giftiliste 1: Yes - G-1031; |
| | | Switzerland INNS: No; REACH: Yes - 01-2119471330-49: Full, |
| | | (P); Rotterdam: No |
| 1336-21-6 | Ammonium hydroxide | Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes - |
| | | 2672; Australia ICS: Yes; New Zealand IOC: Yes; Japan |
| | | ENCS: Yes - 1-314; Japan ISHL: No; Israel HSL: No; |
| | | Germany WHCS: Yes - 211: WGK 2; Switzerland Giftliste 1: |
| | | Yes - G-1100; Switzerland INNS: No; REACH: Yes - |
| | | 01-2119982985-14: Intermediate, (P); Rotterdam: No |
| 57-55-6 | Propylene glycol | Canadian DSL: Yes: Canadian NDSL: No: Mexico INSO: Yes: |
| | · ···· ··· ··· ··· | Australia ICS: Yes: New Zealand IOC: Yes: Janan FNCS: Yes |
| | | - 7-62: Janan ISHI : Yes - 2-(8)-323: Jerael HSI : No: Germany |
| | | -1-02, Japan IOTE, 165 - 2-(0)-525, ISIACITISE, NO, Genilarly |
| | | WINGO. 163 - 200. WORLT, GWIZEHARD GILLISLE I. 165 - |



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3844-45-9 C.I. Acid Blue 9, Disodium salt

G-2798; Switzerland INNS: No; REACH: Yes -01-2119456809-23: Full, (P); Rotterdam: No Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; Japan ENCS: Yes - 5-3308; Japan ISHL: No; Israel HSL: No; Germany WHCS: No; Switzerland Giftliste 1: No; Switzerland INNS: No; REACH: Yes - 01-2120740569-45: Full, (P); Rotterdam: No

16. Other Information

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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