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## Safety Data Sheet (SDS) Section 1 - CHEMICALS AND COMPANY IDENTIFICATION **Chemical Identifier** Ink-K110/Ink-1110K Product Code JP-K110/1110K **Reference Number** 34 Name of Supplier Hitachi Industrial Equipment Systems Co.,Ltd. Address 1-1 Higashitaga-cho 1-chome, Hitachi-shi, Ibaraki-ken, 316-8502 Japan **Company Contact** IJP ink Group, Marking Systems and Hoist Systems Division Phone Number +81-294-36-8682 Fax Number +81-294-36-8975 ogino-masahiko@hitachi-ies.co.jp Mail Address **Emergency Phone** +81-294-36-8682 Number **Recommended Use** Industrial ink jet printers Section 2 - HAZARDS IDENTIFICATION GHS Classification of the Chemical Physicochemical Flammable liquids Category 2 Health Hazards Acute toxicity (Inhalation: vapour) Category 4 Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2A Carcinogenicity Category 1A Reproductive toxicity Category 1A Specific target organ toxicity (single exposure) Category 2(kidney) Specific target organ toxicity (single exposure) Category 3(narcotic effect respiratory tract irritation) Specific target organ toxicity (repeated exposure) Category 1 (liver nervous system) Specific target organ toxicity (repeated exposure) Category 2(spleen central nervous system) Other hazards than mentioned above are Not classified or Classification not possible. **GHS** Label Elements Pictograms Signal Word Danger Hazard Statements H225 Highly flammable liquid and vapour H315 Causes skin irritation H319 Causes serious eye irritation H332 Harmful if inhaled H335 May cause respiratory irritation H336 May cause drowsiness or dizziness H350 May cause cancer H360 May damage fertility or the unborn child H371 May cause damage to kidney H372 Causes damage to liver, nervous system through prolonged or repeated exposure H373 May cause damage to spleen, central nervous system through prolonged or repeated exposure **Precautionary Statements** Prevention Obtain special instructions before use.(P201)

|          | Do not handle until all safety precautions have been read and understood.(P202)  |
|----------|--|
|          | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.(P210)   |
|          | Keep container tightly closed.(P233)<br>Ground and bond container and receiving<br>equipment.(P240)  |
|          | Use explosion-proof electrical, ventilating and lighting equipment.(P241)  |
|          | Use non-sparking tools.(P242)<br>Take action to prevent static discharges.(P243)   |
|          | Do not breathe<br>dust/fume/gas/mist/vapours/spray.(P260)  |
|          | Avoid breathing<br>dust/fume/gas/mist/vapours/spray.(P261)   |
|          | Wash hand thoroughly after handling.(P264)   |
|          | Wash eye thoroughly after handling.(P264)  |
|          | Do not eat, drink or smoke when using this product.(P270)  |
|          | Use only outdoors or in a well-ventilated area.(P271)  |
|          | Wear protective gloves/protective clothing/eye protection/face protection.(P280)   |
| Response | IF ON SKIN: Wash with plenty of soap and water.(P302+P352)   |
|          | IF ON SKIN or hair: Take off immediately all contaminated clothing. Rinse skin with water or shower.(P303+P361+P353)                             |
|          | IF INHALED: Remove person to fresh air and keep comfortable for breathing.(P304+P340)  |
|          | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.(P305+P351+P338) |
|          | IF exposed or concerned: Call a doctor.(P308+P311)   |
|          | IF exposed or concerned: Get medical advice/attention.(P308+P313)  |
|          | Call a doctor if you feel unwell.(P312)<br>Get medical advice and attention if you feel<br>unwell.(P314)   |
|          | Specific treatment.(P321)  |
|          | If skin irritation occurs: Get medical<br>advice/attention.(P332+P313)   |
|          | If eye irritation persists: Get medical advice/attention.(P337+P313)   |
|          | Take off contaminated clothing and wash it before reuse.(P362+P364)  |
| _        | In case of fire: Use appropriate media to extinguish.(P370+P378)   |
| Storage  | Store in a well-ventilated place. Keep container tightly closed.(P403+P233)  |
|          | Store in a well-ventilated place. Keep cool.(P403+P235)  |
|          | Store locked up.(P405)   |
| Disposal | Dispose of contents and container in accordance with<br>local, regional and national regulations (to be<br>specified).(P501)                     |

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name or Gene  |                     | Formula                      | ENCS No./                   | -                                  | CAS RN                                 |
|--|---------------------|------------------------------|-----------------------------|------------------------------------|--|
| Name<br>Methyl ethyl ketone  | Ranges (%)<br>60-70 | CH3CH2CO                     | ENCS No.                    | ISHL No.<br>Registered             | 78-93-3                                |
| Methyl ethyl ketone  | 00-70               | CH3                          | (2)-342                     | Registered                         | 10 93 3                                |
| Ethanol  | 20-30               | CH3CH2OH                     | (2)-202                     | Registered                         | 64-17-5                                |
| tion 4 – FIRST AID MEA   | SURES               |                              |                             |                                    |  |
| Inhalation   |                     | IF INHALED<br>position com   |                             |                                    | keep at rest in a                      |
|  |                     |                              |                             | d: Call a docto                    |  |
| Skin Contact   |                     |                              |                             |                                    | off immediately all<br>h water/shower. |
|  |                     | IF ON SKIN:                  | Wash with p                 | plenty of soap                     | o and water.                           |
|  |                     | attention.                   |                             | Get medical                        | advice and                             |
|  |                     | Specific trea                |                             | d: Call a docto                    | or                                     |
| Eye Contact  |                     | IF IN EYES:                  | Rinse cautio<br>move contac | ously with wat                     | ter for several<br>resent and easy to  |
|  |                     |                              | -                           | Get medical                        | advice/attention.                      |
|  |                     |                              |                             | d: Call a docto                    | or.                                    |
| Ingestion  |                     | Rinse mouth                  |                             | doctor if you                      | feel unwell.                           |
|  |                     | IF exposed o                 | or concerned                | d: Call a docto                    | or.                                    |
| tion 5 – FIRE FIGHTING<br>Suitable Extinguishing                         | MEASURES            | Lloo ovtingui                | obing agent                 | auitabla far t                     | ype of surrounding                     |
| Media  |                     | fire.                        | Shing agent                 | Suitable for t                     |  |
| Unsuitable Extinguishing<br>Media  |                     | When dust c<br>Cylindric wa  |                             | dry sand.                          |  |
| Specific Hazards in Case   | e of                |                              |                             | ul gases such                      |  |
| Fire   |                     |                              |                             | on of smoke (                      | -                                      |
| Specific Fire Fighting   |                     | Keep away f                  | rom sources                 | osition if poss<br>s of ignition a | nd use appropriate                     |
|  |                     | extinguishin<br>Prohibit una |                             | aff from ente                      | ring the area                          |
|  |                     | around the f                 | ïre.                        |                                    | C                                      |
| Special Protective   |                     | Keep unnec<br>Use goggles    |                             |                                    | mask, and anothe                       |
| Equipment and Precaution for Fire Fighters                               | ons                 |                              |                             | iate to situati                    |  |
| tion 6 – ACCIDENTAL R  | ELEASE MEASURES     |                              |                             |                                    |  |
| Personal Precautions,<br>Protective Equipment ar<br>Emergency Procedures | nd                  |                              |                             | ion with dust<br>te to situatio    | mask, and anothe<br>n.                 |
|  |                     | Large spills                 |                             |                                    |  |
| Environmental Precautio  | ons                 |                              | harge into th               |                                    | ace waters or                          |
| Methods and Equipment<br>Containment and Cleanin                         |                     | ground wate<br>No informati  |                             |                                    |  |
| Up   |                     |                              |                             |                                    |  |
| Prevention Measures for  |                     | Keep away f                  | rom sources                 | of ignition a                      | nd prepare                             |

| Section 7 - HANDLING AND S<br>Handling | TORAGE<br>Technical Measures         | Provide ventilation system and use necessary personal protective equipment as described in "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION".  |
|--|--------------------------------------|--|
|  |                                      | Ground/bond container and receiving equipment.<br>Use only non-sparking tools.<br>Use explosion-proof electrical/ventilating/lighting.   |
|  |                                      | Take precautionary measures against static discharge.  |
|  |                                      | Use local exhaust ventilation in case of production of<br>fume or mist.<br>Facilities storing or utilizing this material should be<br>equipped with an eyewash facility and a safety shower.                                   |
|  | Precautions for Safe                 | Keep cool.   |
|  | Handling                             | Do not breathe dust/fume/gas/mist/vapours/spray.   |
|  |                                      | Do not eat, drink or smoke when using this product.  |
|  | Prevents Handling of<br>Incompatible | Wash hands thoroughly after handling.<br>Use only outdoors or in a well-ventilated area.<br>Wear protective gloves/protective clothing/eye<br>protection/face protection.<br>Refer to "Section 10 - STABILITY AND REACTIVITY". |
|  | Substances or<br>Mixtures            |  |
| Storage                                | Conditions for Safe<br>Storage       | Refer to "Section 10 - STABILITY AND REACTIVITY".  |
|  |                                      | Store locked up.<br>Store container tightly closed in well-ventilated place.   |

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

|                                  | Japan Administration<br>Level | Exposure Limits (Japan<br>Society for<br>Occupational Health) | Exposure Limits (ACGIH)  |
|----------------------------------|-------------------------------|---|--|
| Methyl ethyl ketone              | 200ppm                        | 200ppm(590mg/m3)  | TWA 200 ppm, STEL 300 ppm  |
| Ethanol                          | -                             | -   | TWA -, STEL 1000 ppm   |
| Engineering Controls             |                               | Use local exhaust ventila<br>fume or mist.                    | ation in case of production of                                   |
|                                  |                               | 0   | ring this material should be<br>sh facility and a safety shower. |
|                                  |                               | Use explosion-proof elec<br>from static electrocity.          | ctrical equipment and prevent                                    |
| Personal Protective<br>Equipment | Respiratory<br>Protection     | If necessary, wear respir                                     | ratory protection.   |
|                                  | Hand Protection               | Wear protective gloves.                                       |  |
|                                  | Eye/Face Protection           | Wear eye protection/fac                                       | e protection.  |
|                                  | Skin and Body<br>Protection   | Wear protective clothing                                      |  |
| tion 9 - PHYSICAL AND C          | HEMICAL PROPERTIES            |   |  |
| Physical State                   |                               | Liquid  |  |
| Form                             |                               | Liquid  |  |
| Colour                           |                               | Black   |  |
| Odour                            |                               | Solvent odor  |  |
| Melting Point/Freezing<br>Point  |                               | -86.4°C (as 2-Butanone)                                       | )  |

| Boiling Point or Initial<br>Boiling Point and Boiling<br>Ranges |             | 79.6 °C (as 2-Butanone)   |
|---|-------------|---|
| Flammability<br>Lower and Upper Explosion                       | Lower Limit | Flammability<br>1.8vol% (as 2-Butanone)   |
| Limit / Flammability Limit                                      |             |   |
|   | Upper Limit | 11.5vol% (as 2-Butanone)  |
| Flash Point<br>Auto-Ignition Temperature                        |             | 13.7°C (Tag Closed Cup)<br>505°C (as 2-Butanone)  |
|   |             |   |
| Decomposition<br>Temperature                                    |             | No data available   |
| рН  |             | No data available   |
| Kinematic Viscosity   |             | 3.3mm2/s  |
| Solubility<br>Partition Coefficient : n-                        |             | water: 29g/100mL (20°C) (as 2-Butanone)<br>0.29(as 2-Butanone)                          |
| Octanol/Water   |             | 0.23(as 2 Butanone)   |
| Vapour Pressure   |             | 10.5kPa (20°C) (as 2−Butanone)  |
| Density and/or Relative<br>Density                              |             | 0.83  |
| Relative Gas Density  |             | 2.41 (Air=1, as 2-Butanone)   |
| Particle Characteristics  |             | No data available   |
| as Methyl ethyl ketone  |             |   |
| Melting Point/Freezing<br>Point                                 |             | -86.4°C   |
| Boiling Point or Initial  |             | 79.6°C  |
| Boiling Point and Boiling<br>Ranges                             |             |   |
| Density and∕or Relative<br>Density                              |             | 0.8061  |
| as Ethanol<br>Boiling Point or Initial                          |             | 78.3°C  |
| Boiling Point and Boiling<br>Ranges                             |             |   |
| Density and∕or Relative<br>Density                              |             | 0.7892(20°C, 4°C)   |
| tion 10 – STABILITY AND F                                       |             |   |
| Reactivity  |             | Does not react dangerously under nomal conditions.                                      |
| Chemical Stability  |             | Stable under normal conditions of use.  |
| Possibility of Hazardous<br>Reaction                            |             | Flammable   |
| Conditions to Avoid   |             | There is a risk of explosion due to impacts, friction, flame and oth                    |
| Incompatible Substances or                                      |             | source of ignition.<br>No data available  |
| Mixtures  |             |   |
| Hazardous Decomposition<br>Products                             |             | No data available   |
| Other Data  |             | No data available   |
| tion 11 – TOXICOLOGICAL   | INFORMATION |   |
| Acute Toxicity  | Oral        | Classification not possible since lots of the   |
|   | Dermal      | concentrations of unknown ingredients.<br>Classification not possible since lots of the |
|   | Jonna       | concentrations of unknown ingredients.  |
|   | Inhalation  | (gas)<br>Does not fall under gas based on GHS definitions.                              |
|   |             | (vapour)  |
|   |             | Classified as Category 4 since ATE is 2500 to   |
|   |             | 20000(ppmV).  |
|   |             | (dust and mist)   |

|  | Unable to classify due to insufficient data.  |
|--|---|
| Skin Corrosion/Irritation                                | Classified as Category 2 since the sum of Category 2 ingredients is more than 10%.  |
| Serious Eye Damage/Eye<br>Irritation                     | Classified as Category 2A since the sum of Eye<br>Category 2A is more than 10%.   |
| Respiratory Sensitization                                | Classification not possible since lots of the concentrations of unknown ingredients.  |
| Skin Sensitization                                       | Classification not possible since lots of the concentrations of unknown ingredients.  |
| Germ Cell Mutagenicity<br>Carcinogenicity                | Unable to classify due to insufficient data.<br>Classified as Category 1A since one of the Category 1A<br>ingredients is more than 0.1%.              |
| Reproductive Toxicity                                    | (Reproductive toxicity)<br>Classified as Category 1A since one of the Category 1A<br>ingredients is more than 0.3%.                                   |
|  | (Reproductive toxicity, effects on or via lactation)  |
| Specific Target Organ<br>Toxicity (Single Exposure)      | Unable to classify due to insufficient data.<br>Classified as Category 2(kidney) since one of the<br>Category 2(kidney) ingredients is more than 10%. |
|  | Classified as Category 3(narcotic effect) since the sum of Category 3(narcotic effect) ingredients is more than 20%.                                  |
|  | Classified as Category 3(respiratory tract irritation)<br>since the sum of Category 3(respiratory tract irritation)<br>ingredients is more than 20%.  |
| Specific Target Organ<br>Toxicity (Repeated<br>Exposure) | Classified as Category 1(nervous system) since one of<br>the Category 1(nervous system) ingredients is more<br>than 10%.                              |
|  | Classified as Category 1(liver) since one of the Category 1(liver) ingredients is more than 10%.  |
|  | Classified as Category 2(central nervous system) since<br>one of the Category 2(central nervous system)<br>ingredients is more than 10%.              |
|  | Classified as Category 2(spleen) since one of the Category 1(spleen) ingredients is 1 to 10%.   |
| Aspiration Hazard  | Classification not possible since lots of the concentrations of unknown ingredients.  |
|  |   |
| stion 12 - ECOLOGICAL INFORMATION                        |   |
| Hazardova to the Aquatia                                 | Classification not possible since late of the   |

Hazardous to the Aquatic Environment, Short-Term (Acute) Hazardous to the Aquatic Environment, Long-Term (Chronic) Ecotoxicity

Persistence Bioaccumulative Potential

Mobility in Soil Hazardous to the Ozone Layer Classification not possible since lots of the concentrations of unknown ingredients.

Classification not possible since lots of the concentrations of unknown ingredients.

No data available No data available No data available

No data available Unable to classify due to insufficient data.

Section 13 - DISPOSAL CONSIDERATIONS

|  | Residual waste  | Because waste materials such as liquid waste, paper towels used to<br>wipe it up, or empty containers are flammable combustible materials,<br>the section on "specially controlled industrial waste(Flammable<br>waste oil)" from the Waste Management and Public Cleaning Law<br>(Waste Management Law) is applicable.   |
|--|---|---|
|  |   | Either appropriately process in accordance with Waste Management<br>and Public Cleaning Law, or commission a contractor licensed for<br>transport or disposal of industrial waste requiring special<br>management.  |
|  |   | Do not let wastewater, etc. used for cleaning machinery or<br>containers flow directly onto the groundor in to the culverts.<br>For waste materials generated by wastewater treatment,<br>incineration, etc. either carry out processingin accordance with the<br>Waste Management and Public Cleaning Law and related laws and<br>regulations, or commission a licensed vendor to do so. |
|  |   | When incinerating of waste materials, etc., do not use an incinerator without cleaning equipment, as harmful gas will be generated.   |
|  | Contaminated containe   | Clarify the contents of waste materials and entrust disposal to a<br>waste disposal company.<br>Empty containers should be treated as industrial wastes and not   |
|  |   | allowed to contain waste.   |
| Section 14 - TRANSPORT INFO<br>International Regulations | RMATION<br>Regulatory<br>Information by Sea   | Conform to the provisions of IMO.   |
|  | UN No.  |   |
|  | Class   | PRINTING INK RELATED MATERIAL<br>3  |
|  | Packing Group   | П   |
|  | Marine Pollutant<br>Liquid Substance<br>Transported in Bulk<br>According to<br>MARPOL 73/78,<br>Annex II, the IBC<br>Code | Not applicable<br>Not applicable  |
|  | Regulatory<br>Information by Air<br>UN No.  | Conform to the provisions of ICAO/IATA.   |
|  |   | PRINTING INK RELATED MATERIAL<br>3<br>II  |
| Regulations in Japan                                     | Regulatory<br>Information by Road   | Complies with the Fire Service Act.   |
|  | Regulatory<br>Information by Sea<br>UN No.  | Conform to the provisions of the Ship Safety Law.   |
|  | Proper Shipping Name<br>Class   | PRINTING INK RELATED MATERIAL<br>3  |
|  | Packing Group<br>Marine Pollutant   | II<br>Not applicable  |
|  | Liquid Substance<br>Transported in Bulk<br>According to<br>MARPOL 73/78,<br>Annex II, the IBC<br>Code                     | Not applicable  |
|  | Regulatory<br>Information by Air  | Conform to the provisions of the Civil Aeronautics Law.   |
|  | UN No.<br>Proper Shipping Name  | 1210<br>PRINTING INK RELATED MATERIAL   |
|  |   |   |

|    | Emergency Response Guide  | Class<br>Packing Group              | 3<br>II<br>130   |
|----|---|-------------------------------------|--|
|    | Number  |                                     |  |
| Se | ction 15 – REGULATORY INF<br>Industrial Safety and Health<br>Act  |                                     | Ordinance on the Prevention of Organic Solvent Poisoning<br>Paragraph 1 Article 1 part 4 (Second-class organic solvents, etc.),<br>Enforcement Ordinance 2 of Appendix 6<br>the standards for work environment monitoring Article 65 part 2-1  |
|    |   |                                     | Dangerous or Harmful Substances Subject to Be Indicated their<br>Names, etc.<br>(Article 57 part 1 ,Order Article 18 part 1 and 2, Attached Table9)  |
|    |   |                                     | Dangerous Substances –Flammable substances(Order Article<br>Appended Table 1 part 4)   |
|    |   |                                     | Hazardous Substances to be notified in terms of Whose Names,etc<br>.(Article 57 part 2 ,Order Article 18 part 2–1and part 2, Attached<br>Table9)   |
|    |   |                                     | Ethanol(Number:61)(20%-30%)<br>Methyl ethyl ketone(Number:570)(60%-70%)  |
|    |   |                                     | Materials for special medical examinations and current handling<br>workers(Industrial Safety and Health Act66 2 and Order for<br>Enforcement of Industrial Safety and Health Act Article 22 (i))   |
|    | Poisonous and Deleterious<br>Substances Control Act   |                                     | Not applicable   |
|    | Act on Confirmation, etc. of<br>Release Amounts of<br>Specific Chemical<br>Substances in the<br>Environment and Promotion<br>of Improvements to the<br>Management Thereof |                                     | Not applicable   |
|    | Act on the Regulation of<br>Manufacture and Evaluation<br>of Chemical Substances  |                                     | Mmonitoring chemical substances (Article 2, Paragraph 4 of the Act)  |
|    | Fire Service Act<br>Water Pollution Prevention<br>Act   |                                     | Priority Assessment Chemical Substances(Article 2 part 5)<br>Hazardous Materials Category IV inflammable liquids Class I<br>petroleums non water-soluble Packing Group II<br>Hazardous substances (Article 2, Ordinance of Enforcement, article<br>2, Ordinance 1) that prescribe wastewater standards)<br>Specified substances (article 2, paragraph 4 of the Act, article 3 of |
|    | Narcotics and   |                                     | the Enforcement Ordinance)<br>raw materials for Narcotics or Psychotropics(Appended Table IV part  |
|    | Psychotropics Control Act<br>Foreign Exchange and<br>Foreign Trade Act  |                                     | 9, Order Article 4)<br>Import Trade Control Order Appended Table I part 16   |
|    |   |                                     | Import Trade Control Order Appended Table $ { m I\hspace{1em}I}  ({ m Import Approval}  )$   |
|    | Ship Safety Law<br>Aviation Law   |                                     | Flammable liquids(Order Article 3,Appended Table I)<br>Flammable liquids(Order Article 194,Appended Table I)   |
| Se | ction 16 - OTHER INFORMA  | ΓΙΟΝ                                |  |
|    |   | Industrial Safety and<br>Health Act | Second-class organic solvents, etc.contain more than 5% of Second-<br>class organic solvents.  |
|    |   |                                     | In the <sup>"</sup> 15. Applicable laws <sup>"</sup> column, the materials for which label and SDS will be mandated are also listed. (Substance without a decree number.) Reiwa based on 0111 No. 1 from the Kiankahatsu, on January 11, 2022. )   |
|    |   |                                     | 2-butanone and methyl ethyl ketone, MEK and ethyl methyl ketone are the same substances.   |
|    |   |                                     |  |

| Act on the Reg<br>of Manufacture<br>Evaluation of<br>Chemical Subs      | and thres  | ave a Priority Assessment Chemical Substance posting hold of 0.1% or more.   |
|---|--|--|
|   |  | oosting of a Priority Assessment Chemical Substance in SDS is<br>November 2019 as an effort.   |
| Foreign Exchar<br>Foreign Trade   | -  | <i>y</i> , printing inks are not approved for export   |
| Fire Service Ad<br>Poisonous and<br>Deleterious<br>Substances Co<br>Act | The o<br>the n   | lash point of Class I petroleums is less than 21 ° c.<br>deleterious substances is only applicable to the material, and<br>nixture is non-applicable.  |
| RoHS Specific<br>Substance<br>Concentratior                             | ed Cd<1<br><100  | tances treated as equipment are exempt from this law. 00ppm $$ Pb, Hg, Cr(VI), PBB, PBDE, DEHP, DBP, BBP, DIBP 0ppm  |
| Allowable<br>concentration<br>Standards                                 | (Shor<br>JIS Z   | TWA: Threshold Limit Values-Time Weighted Average STEL<br>t Term Exposure Limit<br>7253:2019   |
| Cited Literatur   |  | ernational Chemical Safety Cards<br>tional Institute of Technology and Evaluation (NITE), Japan  |
|   | Welfa  | e for Safe Workplace by Ministry of Health, Labour and<br>re, Japan<br>SDS (JCDB)  |
| Additional Infor<br>about This Pro                                      | duct: accur<br>subsi<br>comp<br>deter<br>of the<br>be us | e best of our knowledge, the information contained herein is<br>rate. However, neither the above named supplier nor any of its<br>diaries assumes any liability whatsoever for the accuracy or<br>leteness of the information contained herein. Final<br>mination of suitability of any material is the sole responsibility<br>e user. All materials may present unknown hazards and should<br>red with caution. Although certain hazards are described herein,<br>annot guarantee that these are the only hazards that exist. |