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CREATE TABLE `estante` (  
  `ID_ESTANTE` INTEGER PRIMARY KEY NOT NULL,  
  `DESCRIPCION` TEXT NOT NULL  
);  
  
CREATE TABLE `fila` (  
  `ID_FILA` INTEGER PRIMARY KEY NOT NULL,  
  `DESCRIPCION` INTEGER NOT NULL,  
  `ID_ESTANTE` INTEGER KEY NOT NULL,  
  CONSTRAINT `fila_ibfk_1` FOREIGN KEY (`ID_ESTANTE`) REFERENCES `estante` (`ID_ESTANTE`)  
  ON DELETE CASCADE ON UPDATE CASCADE  
);  
  
CREATE TABLE `fabricante` (  
  `ID_FABRICANTE` INTEGER PRIMARY KEY NOT NULL,  
  `NOMBRE_FAB` TEXT NOT NULL  
);  
  
CREATE TABLE `reactivo` (  
  `ID_REACTIVO` INTEGER PRIMARY KEY NOT NULL,  
  `NOMBRE_REAC` TEXT NOT NULL,  
  `COD_CUS` TEXT NOT NULL,  
  `ADVERTENCIA` TEXT NOT NULL,  
  `INDICACION_PELIGRO` TEXT NOT NULL,  
  `PRI_AUXILIO` TEXT NOT NULL,  
  `ESTADO` TEXT NOT NULL,  
  `UNIDAD_MEDIDA` TEXT NOT NULL,  
  `FECHA_VENC` date NOT NULL,  
  `FICHA_TEC` longblob NOT NULL,  
  `ID_FABRICANTE` INTEGER KEY NOT NULL,  
  CONSTRAINT `reactivo_ibfk_1` FOREIGN KEY (`ID_FABRICANTE`) REFERENCES `fabricante`  
  (`ID_FABRICANTE`) ON DELETE CASCADE ON UPDATE CASCADE  
);  
  
CREATE TABLE `almacenamiento` (  
  `ID_ALMACENAMIENTO` INTEGER PRIMARY KEY NOT NULL,  
  `FECHA_ALMACENAMIENTO` date NOT NULL,  
  `ID_FILA` INTEGER KEY NOT NULL,  
  `ID_REACTIVO` INTEGER KEY NOT NULL,  
  `CANTIDAD` INTEGER NOT NULL,  
  CONSTRAINT `almacenamiento_ibfk_1` FOREIGN KEY (`ID_FILA`) REFERENCES `fila` (`ID_FILA`)  
  ON DELETE CASCADE ON UPDATE CASCADE  
  CONSTRAINT `almacenamiento_ibfk_2` FOREIGN KEY (`ID_REACTIVO`) REFERENCES `reactivo`  
  (`ID_REACTIVO`) ON DELETE CASCADE ON UPDATE CASCADE  
);  
  
CREATE TABLE `sga` (  
  `ID_GRUPO_SGA` INTEGER PRIMARY KEY NOT NULL,  
  `GRUPO_GENERAL` TEXT NOT NULL  
);  
  
CREATE TABLE `clasificacion` (  
  `ID_CLASIFICACION` INTEGER PRIMARY KEY NOT NULL,  
  `CLASE_PELIGRO` TEXT NOT NULL,  
  `ID_GRUPO_SGA` INTEGER KEY NOT NULL,  
  CONSTRAINT `clasificacion_ibfk_1` FOREIGN KEY (`ID_GRUPO_SGA`) REFERENCES `sga`  
  (`ID_GRUPO_SGA`) ON DELETE CASCADE ON UPDATE CASCADE  
);  
  
CREATE TABLE `pictogramas` (  
  `ID_PICTOGRAMA` INTEGER PRIMARY KEY NOT NULL,  
  `IMAGEN` longblob NOT NULL,  
  `DESCRIPCION` TEXT NOT NULL  
);  
  
CREATE TABLE `cat_peligro` (  

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`ID_CAT_PELIGRO` INTEGER PRIMARY KEY NOT NULL,
`CAT_PELIGRO` INTEGER NOT NULL,
`ID_PICTOGRAMA` INTEGER KEY NOT NULL,
`PALABRA_ADVERTENCIA` INTEGER NOT NULL,
`INDICACION_PELIGRO` INTEGER NOT NULL,
`ID_CLASIFICACION` INTEGER KEY NOT NULL,
CONSTRAINT `cat_peligro_ibfk_1` FOREIGN KEY (`ID_CLASIFICACION`) REFERENCES
`clasificacion` (`ID_CLASIFICACION`) ON DELETE CASCADE ON UPDATE CASCADE
CONSTRAINT `cat_peligro_ibfk_2` FOREIGN KEY (`ID_PICTOGRAMA`) REFERENCES `pictogramas`
(`ID_PICTOGRAMA`) ON DELETE CASCADE ON UPDATE CASCADE
);

CREATE TABLE `compatibilidades` (
`ID_COMPATIBILIDAD` INTEGER PRIMARY KEY NOT NULL,
`ID_PICTOGRAMA` INTEGER KEY NOT NULL,
`ID_PICTOGRAMA2` INTEGER KEY NOT NULL,
`DEF_COMP` TEXT NOT NULL,
CONSTRAINT `compatibilidades_ibfk_1` FOREIGN KEY (`ID_PICTOGRAMA`) REFERENCES
`pictogramas` (`ID_PICTOGRAMA`) ON DELETE CASCADE ON UPDATE CASCADE
);

CREATE TABLE [usuario] (
[ID_USUARIO] INTEGER PRIMARY KEY NOT NULL,
[NOMBRE] TEXT NOT NULL,
[ROL] TEXT NOT NULL,
[FOTO] longblob NOT NULL,
[TELEFONO] TEXT NOT NULL,
[EMAIL] TEXT NOT NULL,
[USER] TEXT NOT NULL,
[PWD] TEXT NOT NULL
);

CREATE TABLE `movimientos` (
`ID_MOVIMIENTOS` INTEGER PRIMARY KEY NOT NULL,
`TIPO_MOVIMIENTO` TEXT NOT NULL,
`FECHA_MOV` date NOT NULL,
`ID_ALMACENAMIENTO` INTEGER KEY NOT NULL,
`ID_USUARIO` INTEGER KEY NOT NULL,
`CANTIDAD` INTEGER NOT NULL,
`RESPONSABLE` TEXT NOT NULL,
CONSTRAINT `movimientos_ibfk_1` FOREIGN KEY (`ID_USUARIO`) REFERENCES `usuario`
(`ID_USUARIO`) ON DELETE CASCADE ON UPDATE CASCADE,
CONSTRAINT `movimientos_ibfk_2` FOREIGN KEY (`ID_ALMACENAMIENTO`) REFERENCES
`almacenamiento` (`ID_ALMACENAMIENTO`) ON DELETE CASCADE ON UPDATE CASCADE
);

CREATE TABLE `react_peligro` (
`ID_REACT_PELIGRO` INTEGER PRIMARY KEY NOT NULL,
`ID_CAT_PELIGRO` INTEGER KEY NOT NULL,
`ID_REACTIVO` INTEGER KEY NOT NULL,
CONSTRAINT `react_peligro_ibfk_1` FOREIGN KEY (`ID_CAT_PELIGRO`) REFERENCES
`cat_peligro` (`ID_CAT_PELIGRO`) ON DELETE CASCADE ON UPDATE CASCADE
CONSTRAINT `react_peligro_ibfk_2` FOREIGN KEY (`ID_REACTIVO`) REFERENCES `reactivo`
(`ID_REACTIVO`) ON DELETE CASCADE ON UPDATE CASCADE
);
```