Material Safety Data Sheet

I Product:

COMMERCIAL SOLUTIONS® CLOROX® DISINFECTING SPRAY

Description:

FRAGRANCED AEROSOL DISINFECTANT

Other Designations

EPA Reg. No. 67619-3

Distributor

Clorox Sales Company
1221 Broadway
Oakland, CA  94612

Emergency Telephone Nos.

For Medical Emergencies, call 1-800-446-1014
For Transportation Emergencies, call Chemtrec 1-800-424-9300

II Health Hazard Data

EYES:  Will cause moderate, reversible eye irritation.
SKIN CONTACT:  Will cause minor irritation after prolonged contact. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.
INGESTION:  Low toxicity if ingested.  May cause minor irritation of the mouth.  Ingestion of large quantities may result in ethanol intoxication.
INHALATION:  Intentional misuse by concentrating and inhaling vapors may be harmful or fatal.  Inhalation of high concentrations may cause irritation of the respiratory tract.  Symptoms include headaches, dizziness, nausea, vomiting, and malaise.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:  None known.
EMERGENCY FIRST AID PROCEDURES:  EYES:  Immediately flush eyes with plenty of water for at least 15 minutes.  If irritation persists, call a physician.  SKIN:  Wash with plenty of soap and water.  IF SWALLOWED:  Drink a glass of water.  Call a physician.

III Hazardous Ingredients

Inhalation:

Ingredients | Concentration | Worker Exposure Limit
--- | --- | ---
Ethanol | 60-80% | 1000 ppm TLV - TWA
Propane | 1-5% | 1000 ppm PEL - TWA
Isobutane | 5-10% | Not established

DOT:  Consumer Commodity ORM-D
IMDG:  Dangerous Goods in Limited Quantity of Class 2
IATA:  Aerosol, non-flammable, N.O.S. UN 1950, Class 2.2

EPA - SARA Title III/CERCLA:  This product contains no chemicals regulated under Section 311/312.  This product contains chemicals (sodium hydroxide < 0.02% CAS# 1310-73-2 and sodium nitrite < 1% CAS# 7632-00-0) which are regulated under Section 304/CERCLA.

TSCA Status:  All components of this product are on the TSCA inventory.

IV Special Protection and Precautions

Hygienic Practices:  Wear safety glasses and protective gloves when handling product.
Engineering Controls:  Use explosion proof ventilation to minimize exposure to vapor or mist.
Work Practices:  Minimize skin contact and inhalation of vapor or mist.
Precautions to be taken in Handling and Storage:  Do not store above 120°F.  Do not puncture or burn.  Keep aerosols from fire or sparks.  Store in accordance with NFPA 30B for Level 2 Aerosols.

V Transportation and Regulatory Data

VIII Fire and Explosion Data

Flashpoint:  Flashpoint of liquid is 66° using a closed cup Herzog tester.
Flame extension is between 16-18 inches with no flashback.
Fire Extinguishing Agents:  All types.
Special Fire Fighting Procedures:  N/A
Unusual Fire and Explosion Hazards:  Alcohol flames may not be readily visible.  Exposure to temperatures over 120°F (49°C) may cause bursting or venting.  Keep containers cool.  Use equipment or shielding to protect personnel from bursting containers.

VII Reactivity Data

Stability:  Stable.
Conditions to Avoid:  Temperatures over 120°F
Incompatibility/Materials to Avoid:  Alkalis and acids
Hazardous Polymerization or Decomposition:  None known

IX Physical Data

pH (no propellant):  9.2
Viscosity (no propellant):  3.2 cps at 20°C
Density (no propellant):  0.86 g/mL at 25°C