

# MATERIAL SAFETY DATA SHEET

Revised: 05/18/99

---

## SECTION I - IDENTIFICATION OF PRODUCT

---

**MANUFACTURER'S NAME:** Control Solutions, Inc.  
2739 Pasadena Blvd.  
Pasadena, TX 77502

**PRODUCT NAME:** SURRENDER ODORCIDE CONCENTRATE

**CHEMICAL NAME:** See Section VI

**C.A.S. NAME:** See Section VI

**C.A.S. NUMBER:** See Section VI

**CHEMICAL FORMULA::** See Section VI

**MOLECULAR WEIGHT:** N/A

**CHEMICAL FAMILY:** Aliphatic Alcohol

**D.O.T. HAZARD CLASS:** Consumer Commodity ORM-D

**D.O.T. SHIPPING NAME:** Consumer Commodity ORM-D

---

## SECTION II - PHYSICAL DATA

---

<b>ODOR:</b>	Characteristic Alcohol	<b>MELTING POINT:</b>	N/A
<b>APPEARANCE:</b>	Liquid	<b>PARTICLE SIZE:</b>	N/A
<b>LBS/GAL:</b>	7.0	<b>CLOUD PT:</b>	N/A
<b>COLOR (G-H):</b>	Clear	<b>PERCENT VOLATILE:</b>	approx. 40% (by weight)
<b>BOILING POINT:</b>	181° F	<b>EVAPORATION RATE:</b>	slower than Butyl Acetate
<b>VAPOR PRESSURE:</b>	31.0 mm at 100° F	<b>FLASH POINT:</b>	54° F TCC
<b>VAPOR DENSITY:</b>	less than air	<b>SPECIFIC GRAVITY:</b>	1.0
<b>BULK DENSITY (FLUFFED):</b>	N/A	<b>BULK DENSITY (SETTLED):</b>	N/A
<b>REFRACTIVE INDEX:</b>	N/A	<b>SOLUBILITY (WATER):</b>	Emulsifies in water

# MATERIAL SAFETY DATA SHEET

---

## SECTION III - FIRE & EXPLOSION HAZARD DATA

---

**FLASH POINT (METHOD USED):** 54° F TCC

**FLAMMABLE LIMIT (LOWER):** N/A

**FLAMMABLE LIMIT (UPPER):** N/A

**FIRE EXTINGUISHING MEDIA:** Dry chemical extinguisher or carbon dioxide

**SPECIAL PROCEDURES:** Treat the same as oil or gasoline type fire or chemical fire where vapors and other discharges to the environment are to be confirmed and reduce as quickly as possible.

**UNUSUAL FIRE/EXPLOSION HAZARDS:** Flammable liquid: Do not use, pour, spill or store near heat or open flame.

---

## SECTION IV - HEALTH HAZARD DATA

---

**TOXICITY CATEGORY:** "Warning" label required

**ORAL LD50:** N/E

**DERMAL LD50:** N/E

**INHALATION LD50:** N/E

**EYE EFFECTS:** Irritating injury in eye tissue if not removed promptly.

**SKIN EFFECTS:** Frequent or prolonged contact may be irritated and cause dermatitis.

**THRESHOLD LIMIT VALUE:** N/E

**ADDITIONAL COMMENTS:** Minimal Toxicity. Small amounts of liquid aspiration into Respiratory System during ingestion may cause Bronchio pneumonia or Pulmonary EOMP.

---

## SECTION V - SPECIAL PROTECTION

---

**EYE PROTECTION:** Not normally required. In unusual cases, protective goggles should be worn.

**SKIN PROTECTION:** Not normally required. Avoid prolonged contact.

**RESPIRATORY PROTECTION:** Not required for normal handling. For protection in unusual cases, the MSA Conlo II Pesticide Respirator is recommended. Normal procedure - Handle concentrate in a well ventilated area.

**OTHER PRECAUTIONS:** Wash thoroughly with soap and water after handling and before eating or smoking. Do not use on humans, household pets, or livestock.

# MATERIAL SAFETY DATA SHEET

---

## SECTION VI - HAZARDOUS COMPONENTS OF MIXTURES

---

<u>MATERIAL</u>	<u>PERCENT</u>
Isopropyl Alcohol	5.0% 980MG/M3

---

## SECTION VII - EMERGENCY & FIRST AID PROCEDURES

---

- IF SWALLOWED:** Call a physician or Poison control Center immediately. Do not induce vomiting unless no treatment is available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.
- IF INHALED:** Remove victim to fresh air and apply artificial respiration if indicated.
- IF ON SKIN:** Wash promptly with soap and water. Rinse thoroughly.
- IF IN EYES:** Rinse eyes with plenty of water and call a physician immediately.

---

## SECTION VIII - EFFECTS OF OVER-EXPOSURE

---

N/A

---

## SECTION IX - SPILLAGE OR LEAKAGE PROCEDURES

---

Eliminate sources of ignition. Prevent additional discharge of material. If possible to do so without hazard. For small spills implement clean-up procedures: for large spills implement clean-up procedures and, if in public area, keep public away and advise authorities. Also if this product is subject to CERCLA reporting (see Section 7) notify the National Response Center.

Prevent liquid from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust.

Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

---

## SECTION X - WASTE DISPOSAL METHODS

---

N/A

---

## SECTION XI - ADDITIONAL PRECAUTIONS

---

N/A

---

## SECTION XII - COMMENTS

---

The information contained herein is believed to be accurate whether originating with Bay Tech or not. Bay Tech provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data. Recipients are advised to confirm any data, in advance of need, that it is current, applicable and suitable to their circumstances.