

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

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

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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.

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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

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