

RECEIVED

FEB 18 1995

PRODUCT INFORMATION**NAME**

OR/CS DISINFECTANT & DEODORANT

CHEMICAL FAMILY

SOLVENT

PIN NUMBER

UN 1950

WHMIS CLASS

A, D2

MANUFACTURED FOR

AMSCO SCIENTIFIC DIVISION
American Sterilizer Company
1002 Lufkin Road
Apex, North Carolina 27502
(919) 362-0842

TRANSPORTATION EMERGENCY

Chemtrec (800) 424-9300
Canutec (613) 996-6666 Canada Emergencies

FORMULA

Chemical Mixture

CAS REGISTRY NO

IN TSCA INVENTORY

EPA REGISTRATION NO.

334-214-43573

TDG CLASS

Class 2.1; Packaging Group X

TECHNICAL INFORMATION PHONE

(800) 866-8005

PART NUMBER

400009-316

INGREDIENT INFORMATION

Ethanol

50-60%

CAS# 64-17-5

Butane

10-20%

CAS# 106-97-8

Propane

5-10%

CAS# 74-98-6

PHYSICAL DATA**BOILING POINT**

180°

SPECIFIC GRAVITY

0.87 (Water = 1)

VAPOR DENSITY

> 1 (Air = 1)

SOLUBILITY/WATER

Appreciable

APPEARANCE

Clear

MELTING/FREEZING POINT

Not applicable

VAPOR PRESSURE

30.0 mm

EVAPORATION RATE

> 1 (Butyl Acetate = 1)

ODOR THRESHOLD

Pleasantly scented

COLOR

Colorless

FORM

Liquid

HEALTH HAZARD DATA/TOXICOLOGICAL PROPERTIES

EYE CONTACT

Avoid eye contact. Will cause temporary eye irritation.

SKIN CONTACT

Prolonged or repeated contact will cause moderate irritation, defatting and/or dermatitis.

INHALATION

Avoid breathing vapor and mist. High concentrations causes irritation of the nose, throat and lungs. Symptoms may include headaches, dizziness, nausea, vomiting and malaise.

INGESTION

Will cause irritation, nausea, vomiting, pain and possible loss of consciousness.

CARCINOGENICITY

Not listed as a carcinogen by IARC, NTP, and OSHA.

CHRONIC HEALTH HAZARDS

Repeated excessive exposures may cause liver and kidney injury.

FIRST AID MEASURES

EYES

Immediately flush eyes with plenty of water for at least fifteen minutes, lifting upper and lower lids intermittently. See a physician.

SKIN

Immediately flush skin with plenty of water for at least fifteen minutes. See a physician.

INHALATION

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

INGESTION

If swallowed, induce vomiting immediately.

FIRE AND EXPLOSION DATA

FLASH POINT

71°

AUTOIGNITION TEMPERATURE

Not available

FIRE AND EXPLOSION HAZARD

At elevated temperatures (over 130°) containers may vent, rupture or burst.

FLAMMABILITY

Flammable

EXTINGUISHING MEDIA

Use water fog, carbon dioxide or dry chemical.

SPECIAL FIREFIGHTING PROCEDURE

Keep containers cool. Use shielding to protect personnel against bursting, rupturing or venting containers. Wear positive-pressure self-contained breathing apparatus.

HAZARDOUS REACTIVITY DATA

STABILITY	Generally considered stable. Avoid heating to abnormal temperatures.
INCOMPATIBILITY	Incompatible with acids and alkalis.
DECOMPOSITION	OR/CS Disinfectant & Deodorant decomposes at 340°C to form ammonia and hydrogen chloride gas.
POLYMERIZATION	Polymerization is not expected to occur.

PREVENTIVE AND CONTROL MEASURES

VENTILATION	Provide general and local exhaust ventilation as necessary to control any release to the environment in excess of the specified threshold limits (see Exposure Limits).
PROTECTIVE EQUIPMENT	Wear safety glasses and protective clothing as needed.
SPILL, LEAK OR RELEASE	Contain spillage, soak up with inert absorbent and scoop into container for disposal. It is recommended that each user establish a spill prevention, control and countermeasure plan (SPCC).
WASTE DISPOSAL METHOD	Replace cap and discard container in trash. Do not puncture or incinerate. Federal, state and local regulations vary and may specify special waste disposal procedures. These procedures and all waste materials should be reviewed to determine applicable handling requirements.
STORAGE AND HANDLING	Store in a cool, dry location away from flames, sparks and other sources of heat. OR/CS Disinfectant and Deodorant is highly flammable.

FEDERAL AND STATE REGULATIONS

DOT CLASSIFICATION/DOMESTIC SHIPPING

Consumer Commodity

HAZARD CLASS

Flammable Liquid

SUBSIDIARY RISK

None

EPA WASTE NO.

DOO1

ICAO CLASSIFICATION

3, Aerosol, Flammable, n.o.s., II

IMO CLASSIFICATION

3, IMDG Code Page 2102

UN NUMBER

1950

ON EPA TSCA INVENTORY LIST

Yes

SARA HAZARD CATEGORIES

Immediate (Acute) Health Hazard: YES
Delayed (Chronic) Health Hazard: YES
Fire Hazard: YES
Pressure Hazard: NO
Reactivity Hazard: NO

SARA 313 NOTIFICATION

This product does not contain toxic chemicals subject to the reporting requirements of Section 313 Title III of the Superfund Amendments and Reauthorization Act of 1986 and Title 40 CFR Part 372.

CALIFORNIA PROPOSITION 65

This product does not contain any materials subject to California Proposition 65 reporting requirements.

NFPA HAZARD CLASSIFICATION

Health 1
Flammable 3
Reactivity 0

HMIS HAZARD CLASSIFICATION

Health 1
Flammable 3
Reactivity 0

EXPOSURE LIMITS

	ACGIH TLV-TWA	OSHA PEL-TWA
Ethanol	1000 ppm	1000 ppm
Butane	800 ppm	800 ppm
Propane	None established	1000 ppm

PREPARATION INFORMATION**PREPARED BY**

Lori Haller

PHONE NUMBER

(814) 870-8559

DATE LAST REVISED

September, 1994