



1925 - 94 STREET NW.
 EDMONTON, ALBERTA T6N 1J3
 TEL (780) 438-3040 FAX (780) 438-9033
 TOLL FREE 1-800-361-6348

Phone: 780-438-3040

In Case of Emergency Only:

Phone CANUTEC: 613-996-6666

Material Safety Data Sheet

Product Name E-SAN 10% SOLUTION	Code ECJ-465	Date Completed 03-Mar-10
---	------------------------	------------------------------------

WHMIS Classification E;D2B

TDG Classification Disinfectant Liquid Corrosive, NOS (Quaternary Ammonium Compound) Class 8 UN1903 PGII

HAZARDOUS INGREDIENTS	%WT/WT	CAS NO.	TOXICITY DATA (LD50 & LC50)
-----------------------	--------	---------	-----------------------------

N - Alkyl (60% C14, 30% C16, 5% C12, 5% C18), dimethyl benzyl ammonium chloride	3-7%	68424-85-1	LD50 Oral (rat) .43 ml/kg
N-Alkyl (68%C13,32%C14)dimethyl ethyl benzyl ammonium chloride	3-7%	68956-79-6	N/A

PHYSICAL DATA FOR PRODUCT

Physical State Liquid	Vapour Pressure N/A		Vapour Density N/A
pH Neutral		Evaporation Rate N/A	
Boiling Point (C) 100	Sp. Gravity 0.995	Freezing Point (C) 0	Solubility in Water 100%
Appearance and Odour Clear, colourless liquid.			

FIRE AND EXPLOSION DATA FOR PRODUCT

Fire Extinguishing Substances (NF)

Water fog ✓ CO2
✓ Foam Dry Chem

Other

Detail: N/A

Reactivity Data For Product

INCOMPATIBILITY (NF)

Acid Base Water Oxidizing Material

Other

Detail: N/A

Hazardous Decomposition Products

Thermal decomposition may produce: Carbon dioxide, carbon monoxide, ammonia, nitrous oxides and hydrogen chloride.

Chemical Stability

Stable.

Hazardous Combustion Products

See Hazardous Decomposition Products.

Special Fire Fighting Procedures

Wear self-contained breathing apparatus and full protective clothing.

Flammable Limits in air, % by vol. Non-Flammable:

Upper	N/A	Lower	None	Flash Point (Test Method)	N/A
-------	-----	-------	------	---------------------------	-----

HEALTH HAZARD INFORMATION FOR PRODUCT

Emergency and First Aid Procedures

Inhalation: Remove from exposure. If breathing is difficult or discomfort persists, get medical attention.

Ingestion: Drink milk, egg whites, gelatin solution or if these are not available drink large quantities of water. Call a physician. Do not induce vomiting.

Eyes: Flush with plenty of water for 15 minutes. Get medical attention.

Skin: Flush with water.

EFFECTS OF OVEREXPOSURE (ACUTE AND CHRONIC)

Inhalation : None.

Ingestion : May cause mucosal damage, nausea, vomiting and diarrhea.

Eyes : Avoid contact with eyes. Will cause irritation.

Skin : Avoid prolonged contact with skin. Irritation may occur.

PREVENTATIVE MEASURES

Spillage Flush with water. Mop up.

Waste Disp.Method Local, provincial and federal regulations concerning health and pollution should be observed to determine approved disposal procedures.

Hand. & Stor. Requir. Keep container closed when not in use. Store away from strong oxidizers and reducing agents.

Ventilation General ventilation should be sufficient.

Resp. Protection Not normally required in well ventilated areas. Use approved respiratory protection if product is misted.

Eye Protection Safety glasses should be worn.

Other Protection Not normally necessary, rubber gloves may be worn.
