

Section 1. Product and Company Identification

Identification:

Product Name: SOLUSCOPE™ CS

Company Identification: Minntech Corporation
14605 28th Avenue North
Minneapolis, MN 55447
1-800- 328-3340
(763) 553-3300

Emergency Telephone Number: CHEMTREC 1-800-424-9300, or (703) 527-3887

Section 2. Composition/Information on Ingredients

Component	CAS #	Amount (percentage by Weight)	PEL
Water	7732-18-5	82%	NE
Alkyl dimethyl benzyl ammonium Chloride	139-07-1	10%	NE
2-(2-ethoxyethoxy)Ethanol	111-90-0	5%	NE
Alkyl Polysaccharide	68515-73-1	2%	NE
Ethylenediamine tetraacetic Acid	60-00-4	1%	NE

PEL: Personal Exposure Limit

NE: None Established

ppm: Parts Per Million

Section 3. Hazards Identification

Appearance: Clear Light Brown
Physical State: Liquid
Odor: Citrous
Hazards of Product: None

Potential Health Effects

Inhalation: May be an irritation that causes congestion, shortness of breath, or coughing.

Ingestion: May cause irritation to the mouth, throat, and stomach that can cause nausea or vomiting.

Skin Contact: Contact with skin can cause irritation.

Eye Contact: Causes irritation to the eyes.

Section 4. First Aid Measures

Eyes and Skin: Flush with large amounts of water for at least 15-20 minutes. If irritation has occurred, seek medical attention. If clothing is contaminated, remove clothing, wash skin and wash clothing before reusing.

Ingestion: Do not attempt to induce vomiting, seek medical attention.

Inhalation: If inhaled, move to fresh air.

Section 5. Fire Fighting Measures

Flash Point: N/A

Flammable Limits: N/A

Extinguishing Media: Water, Foam CO₂, Dry Chemicals

Unusual Fire and Explosion Hazards: None, does not support combustion

Section 6. Accidental Release Measures

Put on eye protection, protective gloves, boots, clothing and a respirator if air contamination is above the permitted levels. Contain the spill. If allowed by federal, state or local regulatory authority, flush spill to the sewer. If mops, towels, paper towel or similar material is used, insure that these items are thoroughly rinsed with copious amounts of water. Do not reuse the liquid material.

Section 7. Handling and Storage

General Handling: Store in a cool, dry area and keep container closed when not in use. Store unused product in original closed container once the product has been removed, do not return to the original container.

Section 8. Exposure Controls/Personal Protection

Eyewear: ANSI approved safety glasses or goggles. A face shield should be worn when splashes are likely.

Gloves: Protective gloves should be worn.

Clothing: A protective apron should be worn when splashes are likely. Rubber boots should be used for spill response.

Respirator: If air contamination is above the permitted levels, use NIOSH approved respirator protective equipment.

Section 9. Physical and Chemical Properties

Physical State:	Liquid
Appearance:	Clear light brown liquid
pH:	7.5 – 8.0
Solubility in Water (By Weight):	Complete
Odor:	Citrus odor
Molecular Weight:	ND
Boiling Point (760 mmHg):	212° F (100°C)
Freezing Point:	32° F (0°C)
Specific Gravity (H₂O = 1):	1.0109 – 1.016
Vapor Pressure at 20 C:	ND
Vapor Density (air = 1):	ND
Evaporation Rate (Butyl Acetate = 1):	ND
Melting Point:	ND

Section 10. Stability and Reactivity

Conditions to Avoid: Hot storage conditions, follow the guidelines outlined in the Directions For Use (DFU) Document.

Incompatible Materials: None Known

Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

Cancer Related Information:

Ingredient	CAS Numbers	NTP	IARC	OSHA
Water	7732-18-5	Known: NO Anticipated: NO	None	NO
Alkyl dimethyl benzyl ammonium Chloride	139-07-1	Known: NO Anticipated: NO	None	NO
2-(2-ethoxyethoxy)Ethanol	111-90-0	Known: NO Anticipated: NO	None	NO
Alkyl Polysaccharide	68515-73-1	Known: NO Anticipated: NO	None	NO
Ethylenediamine tetraacetic Acid	60-00-4	Known: NO Anticipated: NO	None	NO

Section 12. Ecological Information

Environmental Fate: No information found.

Environmental Toxicity: No information found

Section 13. Disposal Considerations

Dispose of this product in accordance with all applicable, Federal, State and Local regulations.

Section 14. Transport Information

This product is not defined as a hazardous material in accordance with the Department of Transportation.

Section 15. Regulatory Information

International Inventory Status:

Ingredient	CAS Numbers	EC	Japan	Australia	Korea	Canada: DSL	Canada: NDSL
Water	7732-18-5	YES	YES	YES	YES	YES	NO
Alkyl dimethyl benzyl ammonium Chloride	139-07-1	YES	YES	YES	YES	YES	NO
2-(2-ethoxyethoxy)Ethanol	111-90-0	YES	YES	YES	YES	YES	NO
Alkyl Polysaccharide	68515-73-1	YES	YES	YES	YES	YES	NO
Ethylenediamine tetraacetic Acid	60-00-4	YES	YES	YES	YES	YES	NO

United States:

Ingredient	CAS Numbers	OSHA	CAA	CWA	RCRA	SARA 302	SARA 313	TSCA
Water	7732-18-5	NO	NO	NO	NO	NO	NO	NO
Alkyl dimethyl benzyl ammonium Chloride	139-07-1	YES	NO	NO	YES	NO	YES	NO
2-(2-ethoxyethoxy)Ethanol	111-90-0	YES	NO	NO	NO	NO	YES	NO
Alkyl Polysaccharide	68515-73-1	YES	NO	NO	NO	NO	NO	NO
Ethylenediamine tetraacetic Acid	60-00-4	YES	NO	NO	NO	NO	NO	NO

CA Proposition 65: This product is not affected by CA Proposition 65.

WHMIS (Canada): This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

Section 16. Other Information

NFPA Ratings:

Flammability: 0
Health: 1
Reactivity: 0
Specific Hazard:

Origination Date: 05/30/08
Revision Date: 08/15/08
Prepared By: Risk Manager

HMIS Ratings:

Flammability: 0
Health: 1
Reactivity: 0
PPE: B