

SUS 65, 72, 72 bulk, 165  
**MATERIAL SAFETY DATA SHEET**

**Smitty's Supply Inc.**

63399 Hwy 51 North; Roseland, LA 70456 • (985) 748-9687

**MATERIAL SAFETY DATA SHEET**  
 May be used to comply OSHA's Hazard  
 Communication Standard 29 CFR 1910.1200.  
 Standard must be consulted for specific  
 requirements.

**U.S. DEPARTMENT OF LABOR**  
 Occupational Safety and Health Administration.  
 (Non-Mandatory Form) Form Approved OMB  
 No.1218-0072.

**SECTION I GENERAL INFORMATION**

**PRODUCT NAME** Super S ANTIFREEZE/COOLANT CONCENTRATE

**SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

COMPONENT	WT. %	C.A.S. No	TLV(ACGIHxx OSHA--)
Ethylene Glycol*	90-100	107-21-1	50 ppm
Diethylene Glycol	0-10	111-46-6	No limit
Proprietary Additive Package	2-5	N/A	N/A

\*Chemicals subject to requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 of CFR Part 372.

**SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS**

Specific Gravity (H <sub>2</sub> O=1)	1.0 - 1.15	Appearance	Green liquid, glycol odor
Solubility in Water	Complete	pH	N/A
Flash Point, °F	N/A	Solubility in Solvent	N/A
Melting Point, °F	N/A	%Volatiles By Wt.	Nil
Vapor Pressure (mmHg)	0.04	Boiling Point, °F	340
Evaporation Rate (Butyl Acetate=1)	N/A	Vapor Density (Air=1)	<0.1

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

**EXTINGUISHING MEDIA:**  
 Water xx      Foam xx      CO<sub>2</sub> xx      Dry Chemicals xx  
 Fog

**SPECIAL FIRE FIGHTING PROCEDURES.** Water may be ineffective but can be used to cool containers exposed to heat of flame. Water or foam may cause frothing, especially if sprayed into containers of hot, burning liquid. Fire fighters should wear self-contained, positive pressure breathing apparatus and protective clothes.

**UNUSUAL FIRE AND EXPLOSION HAZARDS** None Known.

**SECTION V REACTIVITY DATA**

Stable xx	Unstable	Corrosive N/A	Hazardous Polymerization?	Yes	No xx
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**Incompatibilities:** Strong oxidizing agents.  
**Hazardous Decomposition or Byproducts:** Dense smoke, carbon dioxide, probably carbon monoxide.

Effective Date: 01/01/2000

Date Printed: 19/09/2002

**SECTION VI HEALTH HAZARD INFORMATION**

Recommended TLV of Product	100 ppm (vapor)		
EYE CONTACT	Could cause irritation with eye contact. Low hazard for usual handling.	SKIN CONTACT	Prolonged contact with skin could result in irritation. Low hazard for unusual handling.
INHALATION	Low hazard at ambient conditions. Very toxic in particulate form when inhaled in very high concentrations.	INGESTION	Oral induction can cause initial central nervous system stimulation followed by depression. Later, it can cause fatal kidney damage. Lethal dose for human reported to be 100 ml.

**SECTION VII EMERGENCY AND FIRST AID PROCEDURES**

EYE CONTACT	Immediately flush eyes with large amounts of water and continue flushing for 15 minutes until irritation subsides. If irritation persists, seek medical attention.
SKIN CONTACT	Wash contaminated area thoroughly with soap and water.
INHALATION	If vapor or mist is generated when the material is heated or handled, remove exposed person from exposure. If discomfort persists seek medical attention.
INGESTION	If person is conscious, give large quantities of water immediately, induce vomiting. Seek immediate medical attention. Do not attempt to give anything by mouth to an unconscious person.

**SECTION VIII SPECIAL PROTECTION INFORMATION**

	CONSUMER	BULK HANDLING (Prolonged Exposure)
RESPIRATORY PROTECTION VENTILATION	N/A Use adequate ventilation.	If needed, an appropriate NIOSH approved respirator for organic vapor should be worn. Supplementary local exhaust ventilation may be needed in special circumstances, such as poorly ventilated spaces, spraying, heating, etc.
EYE PROTECTION PROTECTIVE CLOTHING	N/A N/A	Face shield or goggles. An eye bath should be available. Wash thoroughly after handling. Impervious clothing (boots, gloves, apron, etc.) over part of the body subject to exposure. Impervious clothing should not consist of polyvinyl alcohol.

**SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE**

SPILL OR LEAK PROCEDURE	Small spills may be collected with absorbent materials. For larger spills, flush area with water spray. Prevent runoff from entering drains, sewers, or streams. Transfer used absorbent materials to waste drum.
WASTE DISPOSAL METHOD	Dispose in accordance with all applicable government laws and regulations. If spilled or discarded, may be a regulated waste; refer to state and local regulations. Department of transportation (DOT) regulations may apply for transporting this material when spilled. Waste material may be land filled or incinerated at an approved facility. Materials should be recycled if possible.
STORAGE AND HANDLING PRECAUTIONS	Store in closed marked containers away from heat, sparks, open flame, or oxidizing materials. Fire extinguishers should be kept readily available. See NFPA 30 and OSHA 1910.106 – Flammable and Combustible Liquids. This product is a controlled substance under the Canadian WHMIS regulations.
OTHER PRECAUTIONS	Keep away from children and animals.

*While Smitty's Supply Inc. believes this data is accurate as of revision date, we make no warranty with respect to the data and we expressly disclaim all liability for reliance thereon. The data is offered solely for your information, investigation, and verification.*

# SUS 80, 80-55 MATERIAL SAFETY DATA SHEET

**Smitty's Supply Inc.**

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**U.S. DEPARTMENT OF LABOR**  
Occupational Safety and Health Administrator  
(Non-Mandatory Form) Form Approved OMB  
No. 1218-0072.

## SECTION I GENERAL INFORMATION

**PRODUCT NAME** Super S-ANTIFREEZE/COOLANT-PREMIX - 50%

## SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	WT. %	C.A.S. No	TLV(ACGIHxx OSHA-)
Ethylene Glycol*	45-50	107-21-1	50 ppm
Water	50	7732-18-5	Not Established
Diethylene Glycol	0-5	111-46-8	No limit
Proprietary Additive Package	1-3	N/A	N/A

\*Chemicals subject to requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 of CFR Part 372.

## SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H <sub>2</sub> O=1)	1.0 - 1.15	Appearance	Green liquid, glycol odor
Solubility in Water	Complete	pH	N/A
Flash Point, °F	N/A	Solubility in Solvent	N/A
Melting Point, °F	N/A	%Volatiles By Wt.	Nil
Vapor Pressure (mmHg)	0.04	Boiling Point, °F	240
Evaporation Rate (Butyl Acetate=1)	N/A	Vapor Density (Air=1)	<0.1

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

### EXTINGUISHING MEDIA:

Water xx      Foam xx      CO<sub>2</sub> xx      Dry Chemicals xx

Fog

**SPECIAL FIRE FIGHTING PROCEDURES.** Water may be ineffective but can be used to cool containers exposed to heat of flame. Water or foam may cause frothing, especially if sprayed into containers of hot, burning liquid. Fire fighters should wear self-contained, positive pressure breathing apparatus and protective clothes.

**UNUSUAL FIRE AND EXPLOSION HAZARDS** None Known.

## SECTION V REACTIVITY DATA

Stable xx    Unstable    Corrosive N/A    Hazardous Polymerization?    Yes    No xx

**Incompatibilities:**

Strong oxidizing agents.

**Hazardous Decomposition or Byproducts:**

Dense smoke, carbon dioxide, probably carbon monoxide.

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Water	50	7732-18-5	Not Established
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Proprietary Additive Package	1-3	N/A	N/A

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Recommended TLV of Product 100 ppm (vapor)

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<b>INHALATION</b>	Low hazard at ambient conditions. Very toxic in particulate form when inhaled in very high concentrations.	<b>INGESTION</b>	Oral induction can cause initial central nervous system stimulation followed by depression. Later, it can cause fatal kidney damage. Lethal dose for human reported to be 100 ml.

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	CONSUMER	BULK HANDLING (Prolonged Exposure)
<b>RESPIRATORY PROTECTION VENTILATION</b>	N/A	If needed, an appropriate NIOSH approved respirator for organic vapor should be worn.
<b>EYE PROTECTIVE CLOTHING</b>	Use adequate ventilation.	Supplementary local exhaust ventilation may be needed in special circumstances, such as poorly ventilated spaces, spraying, heating, etc.
	N/A	Face shield or goggles. An eye bath should be available. Wash thoroughly after handling.
	N/A	Impervious clothing (boots, gloves, apron, etc.) over part of the body subject to exposure. Impervious clothing should not consist of polyvinyl alcohol.

**SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE**

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