



Not D.O.T. Hazardous per 49CFR172

## MATERIAL SAFETY DATA SHEET

### SECTION 1 IDENTITY

**NAME OF PRODUCT: SCC-605 / SCC-655 / SCC-6330 WATER BASE COOLANT**

**MANUFACTURER'S NAME AND ADDRESS:**

SUNNEN PRODUCTS COMPANY  
7910 MANCHESTER  
ST. LOUIS, MO 63143

**CONTACT:**

CHUCK KORN

**DATE:**

NOVEMBER 7, 2006

**EMERGENCY TELEPHONE NUMBER:**

314-781-2105

### SECTION 2 INGREDIENTS/IDENTITY (PER 29 CFR 1910.1200(g))

CHEMICAL NAME OF COMPONENTS	CAS NO.	Wt.%	OSHA Z1A 8 HR TWA	OSHA Z1A STEL	OSHA Z1A CEILING mg./cu. m.	OSHA Z1A SKIN	ACGIH TWA	CARCINOGENIC
TRIETHANOLAMINE un-reacted	102-71-6	10-20	none	none	none	none	5	NO

These mixture ingredients are cited on the following lists:

Name	CAS	Citations
TRIETHANOLAMINE	102-71-6	4, 5, 6, 9, 10, 13, 17

1=IARC 2=OSHA 3=NTP 4=ACGIH 5=NFPA49 6=NFPA325M 7=DOT HMT 49CFR172.101 8=EPA SARA III 9=RTECS 10=MA RTK 11=AK RTK 12=CA RTK 13=FL RTK 14=IL RTK 15=ME RTK 16=MN RTK 17=NH RTK 18=NJ RTK 19=Cincinnati, OH RTK 20=Norwood, OH RTK 21=PA RTK 22=RI RTK 23=WV RTK 24=MI 293

### SECTION 3 PHYSICAL & CHEMICAL CHARACTERISTICS

SPECIFIC GRAVITY (WATER=1) .....Concentrate 1.07	APPEARANCE AND ODOR ..... Clear liquid
BOILING POINT ..... 212 F (100 C)	VAPOR DENSITY (Air=1) ..... >1
EVAPORATION RATE ..... Like water	REACTIVITY IN WATER ..... No hazardous reactions.
SOLUBILITY IN WATER ..... 100%	pH (Concentrate) ..... 9.5

### SECTION 4 SPECIAL PRECAUTIONS HANDLING AND STORAGE:

Protective equipment required. Refer to Section 8.

### SECTION 5 CORROSION AND REACTIVITY DATA

STABILITY: Material is stable under normal conditions of transport and storage. POLYMERIZATION: Hazardous polymerization will not occur. INCOMPATIBILITIES (MATERIALS TO AVOID): Avoid contact of concentrate with strong acids. **Contains amines. Do not add sodium nitrate or other nitrosating agents to this material.** **Suspected cancer-causing nitrosamines could be formed.** HAZARDOUS DECOMPOSITION PRODUCTS: Acrid smoke/fumes. Oxides of Carbon and Nitrogen.

## SECTION 6 HEALTH, FIRST AID AND MEDICAL DATA

PRIMARY ROUTE(S) OF ENTRY ARE: INGESTION, INHALATION AND SKIN ABSORPTION. ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE - The information presented and the conclusions drawn are from other than direct test data. This hazard evaluation is based on information from similar products, ingredients and professional experience. **ACUTE:** EYE: Irritation of eye characterized by itching, blinking and redness of the eye from contact with material according to length of exposure, based on presence of amine. SKIN: May cause skin irritation and/or delayed skin burns according to length of exposure. Continuous contact with properly diluted material may cause skin irritation and redness similar to "dish pan hands" from the detergent action of the coolant. INHALATION: Inhalation of normally diluted material may affect the nose and respiratory tract causing irritation, coughing, sore throat or chest pains. Symptoms of overexposure to mist include coughing, sore throat, headache, chest pain and difficult breathing. Predisposing factors: Individuals with pre-existing respiratory impairments (such as emphysema) can display increased sensitivity to coolant mists or vapors. INGESTION: Not likely under normal conditions of use. **CHRONIC:** No applicable information found.

### EMERGENCY FIRST AID

INHALATION: Remove from further exposure. If unconsciousness occurs, seek immediate medical assistance and call a physician. If breathing has stopped, begin mouth to mouth resuscitation. EYE CONTACT: Remove contact lenses(if wearing) and flush eyes with water for 15 minutes. Seek medical attention to check for possible irritation. SKIN CONTACT: Wash contact areas with mild non-abrasive soap and water. INGESTION: Do not induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. Immediately contact physician and obtain treatment.

## SECTION 7 HANDLING, STORAGE AND USE PROCEDURES

NORMAL STORAGE AND HANDLING: Store under ordinary conditions. If stored outdoors, store so as to shed water. Protect from freezing. NORMAL USE: Use only as recommended. Avoid all contact of concentrate with eyes or prolonged contact with skin. Avoid wearing clothing soaked with fluid. Do not swallow. Practice good personal hygiene by washing hands several times each day. Avoid prolonged inhalation of mist or vapors. Do not transfer to unlabeled containers. Do not reuse containers for other materials or purposes. FOR INDUSTRIAL USE ONLY. Not suitable for use in or around household or dwelling. All precautions detailed on the container label apply to partially full or empty containers. Do not cut, braze, weld, solder, or pressurize container as doing so may cause container to burst, potentially causing serious injury or death. Do not attempt to clean as residue is difficult to remove. Containers should be disposed of in an environmentally safe manner and in accordance with applicable governmental regulations. STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS: Contain spill. Absorb small amounts. Collect and return large amounts to shipping container. Rinse spill area with water. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable government regulations. WASTE DISPOSAL METHODS: Dispose of in accordance with applicable federal, state and local laws, regulations, rules, orders and ordinances.

## SECTION 8 PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not normally required. Avoid inhalation of mist. SKIN PROTECTION: Waterproof (Nitrile) gloves required when handling concentrate. Skin protection not normally required when working with mixed coolant. EYE PROTECTION: Safety shield or goggles required when handling concentrate. Always wear safety glasses while operating machinery. VENTILATION - LOCAL: Normal MECHANICAL: Not required. OTHER: No applicable information found. OTHER EQUIPMENT: Effective metal-working plant protective clothing as appropriate.

## SECTION 9 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT Mix- Self-extinguishing / Concentrate- Will burn if preheated. EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical and water fog. UNUSUAL FIRE AND EXPLOSION HAZARDS: Toxic fumes. Light amines and oxides of nitrogen and carbon. FLAMMABLE LIMITS--- LEL: UNKNOWN UEL: UNKNOWN. SPECIAL FIRE FIGHTING PROCEDURES: Treat as oil fire. Recommend fire fighters wear self-contained breathing apparatus with full face-piece operated in a pressure-demand or other positive pressure mode and full body protective clothing.

### NOTICE

THIS MATERIAL SAFETY DATA SHEET ("MSDS") IS SUPPLIED PURSUANT TO THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION'S HAZARD COMMUNICATION RULE (THE "RULE"), 29 CFR 1910.1200. THIS MSDS IS BEING FURNISHED TO THE IMMEDIATE PURCHASER OF THE MATERIAL TO WHICH IT REFERS WITHOUT REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS OR ACCURACY OF ANY INFORMATION OR RECOMMENDATIONS CONTAINED HEREIN.

THIS MSDS IS OFFERED SOLELY TO COMPLY WITH THE RULE AND IS NOT INTENDED TO CREATE ANY LIABILITY OF ANY KIND ON THE PART OF SUNNEN PRODUCTS COMPANY ("SUNNEN"). IN NO EVENT WILL SUNNEN BE RESPONSIBLE FOR ANY DEATH, INJURY OR DAMAGE OF ANY NATURE WHATSOEVER RESULTING FROM THE USE OF, RELIANCE UPON, OR MISUSE OF THE MSDS. NO REPRESENTATIONS OR WARRANTIES, WHETHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER NATURE, ARE MADE HEREUNDER. THIS MSDS IS NOT INTENDED AS A RECOMMENDATION FOR USES WHICH INFRINGE VALID PATENTS OR EXTEND LICENSES UNDER VALID PATENTS.

THIS MSDS IS FURNISHED UPON THE EXPRESS CONDITION THAT ALL PERSONS RECEIVING IT WILL MAKE THEIR OWN DETERMINATION AS TO ITS SUITABILITY FOR THEIR PURPOSES PRIOR TO USE. RESPONSIBILITY FOR COMPLIANCE WITH APPLICABLE FEDERAL, STATE OR LOCAL REGULATIONS CONCERNING DISSEMINATION OF THE MSDS AND SALE AND USE OF THE MATERIAL TO WHICH IT REFERS RESTS SOLELY UPON THE PURCHASER.

**ATTACH LABEL TO MACHINE**



**ATTENTION  
CONTAINS  
SUNNEN SCC-605 COOLANT**

MAY CAUSE EYE IRRITATION. WASH HAND  
OFTEN. DO NOT TAKE INTERNALLY. READ  
MSDS BEFORE USING THIS MATERIAL.

MSDS 52