



Safety Data Sheet

Section 1. Identification

Product Identifier	SUNNEN SCC350005, SCC350005H, SCC350055, SCC350055H
Synonyms	WATER EXTENDABLE METALWORKING FLUID
Manufacture Stock Numbers	28007
Recommended use	Metalworking Fluid
Uses advised against	Not Available.
Manufacturer Contact	
Address	Sunnen Products Company, 7910 Manchester Rd Saint Louis, MO 63043 USA
Phone	(314)-781-2100
Website	www.sunnen.com

Section 2. Hazards Identification

Classification	EYE DAMAGE/IRRITATION - Category 1 SENSITIZATION - SKIN - Category 1 SKIN CORROSION/IRRITATION - Category 1A
Signal Word	Danger
Pictogram	
Hazard Statements	Causes serious eye damage Causes severe skin burns and eye damage May cause an allergic skin reaction
Precautionary Statements	
Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If inhaled: Remove person to fresh air and keep comfortable for breathing. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center/doctor. Take off contaminated clothing and wash it before reuse. Wash contaminated clothing before reuse.
Prevention	Avoid breathing dust/fume/gas/mist/ vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/ vapors/spray. Wash thoroughly after handling. Wear eye protection/face protection. Wear protective gloves. Wear protective gloves/protective clothing/eye protection/face protection.
Storage	Store locked up.
Disposal	Dispose of contents/container to local, state, and federal regulations. Empty containers must be completely empty with all closures in place, as per 49CFR173.29 & EPA 40CFR261.7. Do not reuse containers for waste and disposal.
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	NONE
Additional Information	NONE

Section 3. Ingredients		
CAS	Ingredient Name	Weight %
124-68-5	1-Propanol, 2-amino-2-methyl-	< 2%
2224-44-4	4-(2-Nitrobutyl)morpholine	< 2%
57635-48-0	Carboxymethyl polyethylene glycol oleyl ether	< 3%
66121-17-3	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-butyl-.omega.-hydroxy-, phosphate	< 4%
	Modified Tall Oil Derivative	< 6%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Eye	Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
Skin	Wash with soap and water. Get medical attention if irritation develops or persists. Wash clothing separately before reuse.
Ingestion	If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

NOTES TO PHYSICIAN

Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use water fog, foam, dry chemical, or carbon dioxide (CO ₂) to extinguish flames.
Unsuitable Extinguishing Media	CAUTION: Water stream may spread fire.
Hazardous Combustion Products	Smoke, Fume, Incomplete combustion products, Oxides of carbon. Oxides of Nitrogen.
Fire fighting instructions	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. In the event of fire, cool tanks with water spray. Empty (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, containers retain product residue CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner, or properly disposed of.

Section 6. Accidental Release Measures

<i>PERSONAL PRECAUTIONS</i>	<i>Use appropriate protective equipment (see Section 8).</i>
<i>ENVIRONMENTAL PRECAUTIONS</i>	
<i>Clean-up</i>	<i>Avoid runoff into storm sewers and ditches which lead to waterways.</i>
<i>METHODS FOR CONTAINMENT AND CLEAN UP</i>	
<i>Containment</i>	<i>Eliminate all ignition sources. Stop the flow of material, if this can be done without risk. Dike the spilled material, where this is possible.</i>
<i>Collect</i>	<i>Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust.</i>
<i>Clean-up</i>	<i>Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Vacuum or sweep up material and place in a disposal container. Forms smooth, slippery surfaces on floors, posing an accident risk.</i>

Section 7. Handling and Storage

	<i>Engineered Lubricants recommends the end user always adhere to NIOSH and OSHA published requirements and guidelines for handling, use, management, storage and disposal.</i>
<i>Handling</i>	<i>Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.</i>
<i>Storage</i>	<i>Store in a cool place in original container and protect from sunlight. Keep from freezing. Keep container closed when not in use.</i>

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	1-Propanol, 2-amino-2-methyl-	N/A	N/A	N/A
	4-(2-Nitrobutyl)morpholine	N/A	N/A	N/A
	Carboxymethyl polyethylene glycol oleyl ether	N/A	N/A	N/A
	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-butyl-.omega.-hydroxy-, phosphate	N/A	N/A	N/A
	Modified Tall Oil Derivative	N/A	N/A	N/A

Personal Protective Equipment	Goggles, Gloves
PERSONAL PROTECTION	
Specific Hygiene Measures	Always observe good personal hygiene measures, such as washing after handling the material before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.
Eyes	Wear safety glasses with side shields (or goggles) and a face shield.
Skin Protection	Protective gloves and clothing are recommended.
Engineering controls	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Section 9. Physical and Chemical Properties			
Physical State	LIQUID	Color	AMBER
Odor	MILD	Odor Threshold	N/A
Solubility	SOLUBLE IN H ₂ O	Partition coefficient Water/n-octanol	N/A
Viscosity	53.1 cSt @ 100F	Specific Gravity	0.995
Density lbs/Gal	8.304	Pounds per Cubic Foot	N/A
Flash Point	NOT DETERMINED-H ₂ O.	FP Method	N/A
pH	9.6 (~10% IN AQUEOUS SOLUTION)	Melting Point	N/A
Boiling Point	N/A	Boiling Range	N/A
LEL	N/A	UEL	N/A
Evaporation Rate	N/A	Flammability	N/A
Decomposition Temperature	N/A	Auto-ignition Temperature	N/A
Vapor Pressure	N/A	Vapor Density	N/A
VOC%	N/A		

Section 10. Stability and Reactivity	
Reactivity Stability	None expected. Material is stable under normal conditions.
Hazardous	Hazardous polymerization will not occur.
Reactions Conditions to Avoid	Do not use sodium nitrite or other nitrosating agents in formulations containing this product. Suspected cancer-causing nitrosamines could be formed. Excessive heat. High energy sources of ignition. Strong oxidizers. Peroxides. Phenols. Acids. Alkalies. Reducing agents.
Incompatible Materials	Decomposition products can include and are not limited to: Aldehydes. Alcohols. Ketones. Oxides of nitrogen. Oxides of Phosphorus.
Thermal Decomposition	

Section 11. Toxicological Information	
ACUTE ORAL TOXICITY	
ATEmix-Oral:	> 7000 mg/kg
ACUTE INHALATION TOXICITY	
ATEmix-Inhalation (dusts and Mists):	> 100 mg/L
ACUTE DERMAL TOXICITY	
ATEmix- Dermal:	> 2000 mg/kg
SKIN IRRITATION	
	Causes skin irritation.
EYE IRRITATION	
	Causes eye irritation.
REPRODUCTIVE TOXICITY	
	No data to indicate that the product is a reproductive toxin.
SKIN SENSITIZATION	
Skin	May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this material.

GERM CELL MUTAGENICITY
No data to indicate that the product will be a germ cell mutagen.

CARCINOGENICITY
No components listed on IARC.

STOT-SINGLE EXPOSURE
No data to indicate that the product will cause specific target organ toxicity after single exposure.

STOT-REPEATED EXPOSURE
No data to indicate that the product will cause specific target organ toxicity after repeated exposure.

ASPIRATION HAZARD
NONE

Section 12. Ecological Information

ECOTOXICITY EFFECTS
No data available.

PERSISTENCE AND DEGRADABILITY
No data available.

Section 13. Disposal

Waste Disposal Method
According to local, state, and federal regulations.

Contaminated Packaging
Empty containers should be taken to an approved waste handling site for local recycling or waste disposal.

Section 14. Transport Information

UN Number	N/A	UN Proper Shipping Name	N/A
DOT	N/A	Packing Group	N/A
Classification	Not Regulated		

Section 15. Regulatory Information

US REGULATIONS
SARA Sections 311 and 312
Immediate (Acute) Health Hazard: YES. Delayed (Chronic) Health Hazard: YES. Fire Hazard: NO. Reactive Hazard: NO. Sudden Release of Pressure Hazard: NO.

SARA (313) TOXIC RELEASE INVENTORY
No known reportable quantities.

CERCLA (Comprehensive Environmental Response and Liability Act of 1980, S 103)
No known reportable quantities.

EPCRA
No known reportable quantities.

IARC
No components listed on IARC.

CALIFORNIA PROP 65
Warning! this product contains a chemical known to the state of California to cause cancer, and/or birth defects, and/or reproductive harm. ETHYLENE OXIDE: 75-21-8; METHYLOXIRANE: 75-56-9

Section 16. Other Information

Revision Date
12/8/2017

Disclaimer
The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any representation or warranty expressed or implied, regarding its accuracy or correctness. The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. Therefore, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product.

Legend
DOT- Department of Transportation; IMDG-International Maritime Dangerous Goods; IATA- International Air Transport Association; SARA-Superfund Amendments and Reauthorization Act; CERCLA-Comprehensive Environmental Response, Compensation, and Liability Act; EPCRA- Emergency Planning and Community Right-to-Know Act; IARC-International Agency for Research on Cancer. STOT- Specific Target Organ Toxicity.

Additional Information
EL28007.V3.R1