

Safety Data Sheet

Issue Date: 19-Nov-2013

Revision Date: 14-Jan-2014

Version 1

1. IDENTIFICATION

Product Identifier

Product Name SAFE TREAD CLEAR

Other means of identification

SDS # SATC

Recommended use of the chemical and restrictions on use

Recommended Use Prevents slips or falls and generally creates a safe footing on concrete, wood, metal, and other substrates.

Details of the supplier of the safety data sheet

Manufacturer Address

Acry-Tech Coatings, Inc.
3601 NE 5th Avenue
Oakland Park, FL 33334

Emergency Telephone Number

Company Phone Number 1-800-771-6001
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Milky yellow mobile gritty liquid

Physical State Liquid

Odor Mild characteristic ether

Classification

Hazards Not Otherwise Classified (HNOC)

Causes mild skin irritation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Dipropylene glycol monobutyl ether	29911-28-2	1-5
1-Butoxy-2-propanol	5131-66-8	1-5
Tinuvin 1130	104810-48-2	<1
Tinuvin	104810-47-1	<1
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate	41556-26-7	<1
Methyl (1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate	82919-37-7	<1
1,2-Benzisothiazolin-3-one	2634-33-5	<1
Ammonium hydroxide	1336-21-6	<1

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention.
Skin Contact	Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
Inhalation	Remove to fresh air. Seek medical attention.
Ingestion	Drink 1 or 2 glasses of water. Call a physician.

Most important symptoms and effects

Symptoms	Breathing vapors may result in headaches, nausea, and irritation to the lungs. May cause dermatitis or irritation in some individuals upon prolonged contact. Exposed individuals may experience eye tearing, redness and discomfort. May adversely affect renal, hepatic, neurologic processes, spleen, and thyroid.
-----------------	---

Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
---------------------------	------------------------

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide (CO₂). Dry chemical.

Unsuitable Extinguishing Media Water aggravates spill clean up.

Specific Hazards Arising from the Chemical

Material can splatter above 100 degrees Celsius. Dried film may burn.

Hazardous Combustion Products Carbon oxides. Nitrogen oxides (NO_x).

Sensitivity to Mechanical Impact Not Applicable.

Sensitivity to Static Discharge Not Applicable.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	If in a confined area, NIOSH approved respiratory protection may be required. Keep spectators away.
Environmental Precautions	See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Clean-Up	Recover free liquid. Spread material evenly on a plastic film and allow to dry thoroughly. Dispose of in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on Safe Handling	Avoid breathing product vapors. Deliberate ingestion or concentrating and inhaling of vapors may be harmful or fatal. See label precautions. Avoid contact with eyes.
--------------------------------	---

Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Protect containers from rupture. Keep from freezing. Store between 40° and 120°F (4° and 49°C).
Incompatible Materials	Substances that are incompatible with water. Oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Exposure Guidelines</u>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
-----------------------------------	---

Appropriate engineering controls

Engineering Controls	Local exhaust ventilation recommended.
-----------------------------	--

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Wear approved safety goggles where a splash hazard exists.
Skin and Body Protection	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Respiratory Protection	For spills or overexposure wear NIOSH approved respiratory protection with organic vapor cartridges.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical State	Liquid	Odor	Mild characteristic ether
Appearance	Milky yellow mobile gritty liquid	Odor Threshold	Not determined
Color	Milky yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8.0-9.0	
Melting Point/Freezing Point	0 °C / 32 °F	
Boiling Point/Boiling Range	> 100 °C / >212 °F	
Flash Point	Not established (water based product)	
Evaporation Rate	< 0.1	
Flammability (Solid, Gas)	n/a-liquid	

Upper Flammability Limits	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	Not established	
Vapor Density	Not established	
Specific Gravity	1.060	(1=Water)
Water Solubility	Dilutable in water	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	0.65 lb/gal; 78 g/L	
Density	8.8 lb/gal	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Temperatures >100 °C.

Incompatible Materials

Substances that are incompatible with water. Oxidizers.

Hazardous Decomposition Products

Carbon oxides. Nitrogen oxides (NOx).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Avoid contact with eyes.
Skin Contact	Causes mild skin irritation.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Dipropylene glycol monobutyl ether 29911-28-2	= 1620 µL/kg (Rat)	= 5860 µL/kg (Rabbit)	> 2.04 mg/L (Rat) 4 h = 42.1 ppm (Rat) 4 h
1-Butoxy-2-propanol 5131-66-8	= 5660 µL/kg (Rat)	= 3100 mg/kg (Rabbit)	-
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate 41556-26-7	= 2615 mg/kg (Rat)	-	-
1,2-Benzisothiazolin-3-one 2634-33-5	= 1020 mg/kg (Rat)	-	-
Ammonium hydroxide 1336-21-6	= 350 mg/kg (Rat)	-	-

Information on physical, chemical and toxicological effects**Symptoms**

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Carcinogenicity**

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Based on ecotoxicity and environmental data for the individual ingredients in this specific formulation and for related cleaning product formulations, it is expected that this product would exhibit a non-hazardous order of toxicity at relevant environmental concentrations.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Dipropylene glycol monobutyl ether 29911-28-2		841: 96 h Poecilia reticulata mg/L LC50 static		
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate 41556-26-7		0.97: 96 h Lepomis macrochirus mg/L LC50 static		
Ammonium hydroxide 1336-21-6		8.2: 96 h Pimephales promelas mg/L LC50		0.66: 48 h water flea mg/L EC50 0.66: 48 h Daphnia pulex mg/L EC50

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Bis(1,2,2,6,6-pentamethyl-4-piperidiny)sebacate 41556-26-7	0.37
1,2-Benzisothiazolin-3-one 2634-33-5	1.3

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Ammonium hydroxide 1336-21-6	Toxic Corrosive

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

15. REGULATORY INFORMATION**International Inventories**

TSCA Not Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ammonium hydroxide 1336-21-6	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

SARA 311/312 Hazard Categories

Not applicable

SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Ammonium hydroxide - 1336-21-6	1336-21-6	<1	1.0

CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ammonium hydroxide 1336-21-6 (<1)	1000 lb			X

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ammonium hydroxide 1336-21-6	X	X	X

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	Not determined

Issue Date: 19-Nov-2013
 Revision Date: 14-Jan-2014
 Revision Note: New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet