



SAFETY DATA SHEET

1. COMPANY AND PRODUCT INFORMATION

Product Name: Sundek SunOne 75 Part A

Supplier
 Sundek Products USA, Inc
 805 Ave. H Suite 508
 Arlington, Texas 76011
For health and safety questions:
Phone number (888) 390-0305
Fax number (817) 649-7292
E-mail: products@sundek.com

For Chemical Emergency
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-527-3887
(collect calls accepted)

2. HAZARDOUS IDENTIFICATION

Classification

OSHA Regulatory Status

Flammable Liquids
 Acute Toxicity – inhalation/mist
 Respiratory Sensitization
 Skin Sensitization
 Acute Aquatic Toxicity
 Chronic Aquatic Toxicity

Category 3
 Category 4
 Category 1
 Category 1
 Category 2
 Category 3

Emergency Overview

Danger!

Hazard Statements

Flammable liquid and vapor
 Harmful if inhaled
 May cause allergy or asthma symptoms or breathing difficulties if inhaled
 May cause an allergic skin reactions
 May be fatal if swallowed and enters airway
 May cause respiratory irritation
 Harmful to aquatic life



Appearance Hazy liquid **Physical state** liquid **Odor** sweet solvent odor

Precautionary Statements – Prevention

Wear protective gloves/protective clothing/eye protection/face protection
 Use only outdoors or in well ventilated area
 Avoid breathing mist/vapors.
 Keep away from heat, sparks, open flames, and hot surfaces. No smoking
 Avoid release into the environment
 In case of inadequate ventilation, wear respiratory protection
 Ground/bond container and receiving equipment
 Use explosion-proof electrical, ventilation and lighting equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Contaminated work clothing should not be allowed out of the workplace

Precautionary Statements - Response

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Call a poison center or doctor/physician.

IF INHALED: If inhaled: remove victim to fresh air and keep at rest in a position comfortable for breathing.

Take off contaminated clothing and wash before reuse

In case of fire: use dry chemical, carbon dioxide (CO₂), foam, or water spray (for larger fires) to extinguish

Precautionary Statements – Storage

Store in a well ventilated place. Keep cool.
 Keep container tightly closed.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Other hazards which do not result in classification No data available

Emergency Overview**Danger!**

Harmful if inhaled

May cause respiratory tract, eye and skin irritation

Contains material which causes damage to the following organs: blood, kidneys, liver, gastrointestinal tract, respiratory tract, skin, nervous system, eye, lens or cornea

Flammable liquid and vapor

Vapor may cause flash fire

3. COMPOSITION/INFORMATION ON INGREDIENTS**Substance**

Chemical Identity	CASNo.	Concentration
Aspartic Ester	136210-32-7	60-100 %
Parachlorobenzotrifluoride	000098-56-6	10-30%
Modified Carbonate Bis-oxazolidine	045899-78-1	1-5%

4. FIRST AID MEASURES**Description of first aid measures**

General	Remove person from affected area and make comfortable. Treat symptomatically.
Eye contact	Flush eyes with of water for <u>at least 15 minutes</u> Get medical attention.
Skin contact	Remove product and flush affected area with plenty of water for at least 15 minutes. If irritation persists get medical attention.
Inhalation	Remove victim to fresh air. Give artificial respiration if breathing has stopped or is labored (call a physician).
Ingestion	Give 3-4 glasses of milk or water is person is conscious. <u>Do not induce vomiting.</u> Get medical care and treatment.

5. FIRE-FIGHTING MEASURES

Flash Point 46.6°C (116°F) TCC (PCBTF)
Conditions of Flammability NA
Flammable Limits LEL 0.9% UEL 10.5%
Auto Ignition Temp ND
OSHA Class Flammable liquid, Packing Group III
Hazardous Combustion Products CO, CO₂, Aldehydes, Acids
Sensitivity to Impact ND
Sensitivity to Static Discharge ND

Suitable extinguishing media

Ignition may give rise to Class B fire. In case of fire use: Water, Fog, Carbon Dioxide, Dry Chemical, Alcohol Foam

Unusual Fire and Explosive Hazards

May generate toxic or irritating combustion products. Sudden reaction and fire may result if product is mixed with an oxidizing agent. Solvent vapors may be heavier than air. Under conditions of stagnant air, vapors may build up and travel along the ground to an ignition source.

6. ACCIDENTAL RELEASE MEASURES**Steps To Be Taken In Case Material is Released or Spilled**

Shut off sources of ignition. Cover spills with absorbent. Place in metal containers for recovery or disposal. Prevent entry into sewers, storm drains and waterways.

7. HANDLING AND STORAGE**General**

Store in cool, well ventilated areas. Keep away from heat and open flames. Avoid prolonged inhalation of heated vapors or mists. Avoid prolonged inhalation of heated vapors or mists. Avoid prolonged skin contact. Use non-sparking tools and grounding cables when transferring. Containers may be hazardous when empty.

Storage

Avoid temperature extremes. Store away from excessive heat, from heat sources of ignition, and from reactive materials. Material can burn; limit indoor storage to areas equipped with automatic sprinklers. Store out of direct sunlight in a cool place. Keep containers tightly closed. Ground all metal containers during storage and handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits (PPM)

Component	CASNo.	OSHA TWA STEL	ACGIH TWA STEL	OTHER
Aspartic Ester	136 210- 32-7	NE NE	NE NE	
Parachlorobenzot riflouride	000098-56-6	NE NE	NE NE	
Modified Carbonate Bis- oxazolidine	045899-78-1	NE NE	NE NE	

Legend: (M) Max. Exposure Limits; (S) Occupational Exposure Limit; (9)Suppliers Rec. Limit, (+) Percutaneous Risk
Note 1: Values meaningful only when hardened product is abraded, ground, etc.

Appropriate engineering controls

Engineering Controls

Exhaust ventilation sufficient to keep airborne concentration of the solvents below their respective TLV's. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

Individual protection measures, such as personal protective equipment

Protective Gloves	Nitrile Rubber
Eye protection	Splash-proof goggles or chemical safety glasses
Respiratory protection	None required in adequately ventilated areas. If vapor concentrations exceeds 20 ppm for longer than 15 minutes, a NIOSH approved respirator for organic vapors is recommended.
Other Protective Equipment	Long sleeved shirts and trousers. Emergency showers and eye wash stations should be readily accessible.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid	Odor	Sweet solvent odor
Appearance	Hazy liquid	Odor threshold	No data available
Color	Hazy liquid.		
Property	Values • Method		
PH	NA		
Melting Point	ND		
Boiling point / boiling range	>79.6°C (175°F)		
Evaporation rate (Butyl Acetate=1)	>1		
Coefficient of Water/Oil Distribution	N/D		
Vapor pressure	3.7mmHg @ 20°C (68°F)		
Vapor density (Air =1)	2.4		
Relative density (specific gravity)	1.2-1.3		
Water solubility	Insoluable		
% Volatiles by Volume	32%		
% Solids by Weight	65%		

10. STABILITY AND REACTIVITY

Chemical stability Stable

Possibility of Hazardous Reaction Will not occur

Conditions to avoid Not Applicable (Material is stable)

Incompatible materials (Materials to avoid) Oxidizing agents (perchlorates, Nitrates), strong acids, hypochlorites, peroxides

Hazardous decomposition products CO, CO2

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Eye contact, Skin contact, Inhalation, Ingestion

Symptoms related to the physical, chemical, and toxicological Characteristics

Eyes:

Acute: Liquids, Aerosols or vapors are severely irritating and can cause pain, tearing, reddening and swelling. If left untreated, corneal damage can occur and injury is slow to heal. However, Damage is usually reversible.

Chronic: Prolonged vapor contact may cause conjunctivitis

Skin Contact:

Acute: Repeated or prolonged skin contact can result in dry, defatted and cracked skin causing increased susceptibility to infection. In addition, irritation may develop into dermatitis. Solvents can penetrate the skin and may cause effects similar to those identified under acute inhalation symptoms.

Chronic: May cause effects similar to those identified under chronic inhalation effects.

Skin Absorption:

Acute: ND

Chronic: ND

Inhalation:

Acute: Solvent vapors are irritating to the eyes, nose, and throat. Symptoms of irritation may include red, itchy eyes, dryness of the throat and a feeling of tightness in the chest. Other possible symptoms of overexposure include: headache, dizziness, nausea, narcosis, fatigue, and loss of appetite.

Chronic: Chronic exposure to organic solvents has been associated with various neurotoxic effects including permanent brain and nervous system damage. Symptoms include loss of memory, loss of intellectual ability and loss of coordination.

Ingestion:

Acute: Can result in irritation of the digestive tract. Symptoms can include sore throat, abdominal pain, vomiting and diarrhea. Vomiting may cause aspiration of solvent resulting in chemical pneumonitis.

Chronic: ND

Conditions Aggravated By Exposure: Skin disorders and allergies

Acute Toxicity: No data on the product

Acute Oral Toxicity Components

Aspartic Ester	LD50:>5,000mg/kg	Species: Rat
Parachlorobenzotrifluoride	LD50:13,000mg/kg	Species: Rat
Modified Carbonate Bis-Oxazolidine	LD50:>2,000mg/kg	Species: Rat

Acute Dermal Toxicity Components

Aspartic Ester	LD50:>2,000mg/kg	Species: Rat
Parachlorobenzotrifluoride	LD50: 2,700mg/kg	Species: Rabbit
Modified Carbonate Bis-Oxazolidine	LD50:>2,000mg/kg	Species: Rat

Acute Inhalation Toxicity Components OECD Test Guidelines 403

Aspartic Ester	LD50: 4.224 mg/l
Parachlorobenzotrifluoride	LD50:4470 ppm

Skin Corrosion/Irritation

Slightly to moderately irritating

Serious Eye Damage

Slightly to moderately irritating

Sensitization

Dermal: Positive (Guinea pig, Magnusson/Klingman (maximization test))

Specific Target Organ Systemic Toxicity (single exposure)

Category 3 (irritating to respiratory system)

Specific Target Organ Systematic Toxicity (repeated exposure)

ND

Carcinogenic Data NTP: None OSHA: None IARC: None

Teratogenicity: No

Embryotoxicity: No

Mutagenicity: No

Synergistic Material: No

12. ECOLOGICAL INFORMATION**Toxicity****Aquatic Toxicity**

No data on the product itself. Based on the components the product is acutely harmful for aquatic organisms.

Acute Toxicity to Fish Components

Aspartic Ester	LC50 (2hrs) 7081mg/l	Species: Fathead minnow
Parachlorobenzotrifluoride	LC50 (96hrs) 5.6 mg/l	Species: Fathead minnow
Modified Carbonate Biz-Oxazoldine	LC50 (96hrs) 9.22mg/l	Species: Fathead minnow

Acute Toxicity to Aquatic Invertebrates Components

Aspartic Ester	EC50 (24hrs) >100mg/l	Species: Daphnia Magna
Parachlorobenzotrifluoride	EC50 (48hrs) 15mg/l	Species: Daphnia Magna
Modified Carbonate Biz-Oxazoldine	EC50 (48hrs) 6.14mg/l	Species: Daphnia Magna

Acute Toxicity to Algae/Aquatic Plants Components

ND

Toxicity to Bacteria

ND

Chronic Aquatic Toxicity**Chronic Toxic to Aquatic Invertebrates**

Long lasting adverse effects to aquatic organisms

Persistence and Degradability**Biodegradability:** Not readily biodegradable (by OECD criteria)**Bioaccumulative Potential****Bioaccumulation:** ND**Mobility in Soil:** ND

13. DISPOSAL CONSIDERATIONS**Waste Disposal Methods**

Incineration is preferred. This product should not be allowed to enter drains. Water courses or the soil. Place in an appropriate disposal facility in compliance with all federal, state, and local regulations.

14. TRANSPORT INFORMATION**DOT Shipping Name:**

UN1866, Resin Solution, Flammable, (contains PCBTF), 3, PG III

DOT Product RQ LBS (KGS): 5000 LBS (227.7 KGS)

Packing Group: III

Hazard Label: Flammable Liquid

Hazard Placard: Flammable Liquid

IMO Shipping Data: UN1866, Resin Solution, Flammable, (contains PCBTF), 3, PG III

ICAO/IATA Shipping Data: UN1866, Resin Solution, Flammable, (contains PCBTF), 3, PG III

Passenger Air Max Quantity: 60L

Passenger Packing Instruction: 309

Cargo Air Max Quantity: 220 L

Cargo Air Instruction Number: 310

15. Regulatory Information

VOC Component: 0 grams/liter **As Applied:** 0 grams/liter (part of multi-component system)

TSCA (Toxic Substance Control Act): all components are listed in the TSCA chemical substance inventory

CERCLA (Comprehensive Response Compensation and Liability Act): NA

SARA TITLE III: Section 312 Hazard Class: Immediate (ACUTE) health hazard, delayed health hazard, fire hazard
Section 313 Listed Ingredients: NONE

California Proposition 65: The below list of compounds is known to the State of California to cause cancer, birth defects or other reproductive harm: NONE

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Issue Date 9-19-18

Revision Date 9-19-18

Hazard Rating:

HMIS: Health 2 Flammability 2 Reactivity 1

Legend

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA Occupational Safety and Health Administration

STEL Short Term Exposure Limit

TWA Time Weighted Average

PEL Permissible Exposure Limit

TLV Threshold Limit Value

NA Not Applicable

NE Not Established

ND No Data

Disclaimer:

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