



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: PLASTICIZER SC-B

Product Description: A Capric-Caprylic Diester of Triethylene Glycol

Recommended Use: Rubber additive

Manufactured for and supplied by:

Supplier: Harwick Standard Distribution Corporation
Supplier Address: 60 S. Seiberling Street, Akron, OH 44305
Contact: Health, Safety & Environment
Telephone: 330-798-9300
Website: www.harwickstandard.com

SECTION 2 – HAZARD(S) IDENTIFICATION

Classification of the Substance or Mixture:

Physical hazards: Not classified
Health hazards: Not classified
Environmental hazards: Not classified
OSHA defined hazards: Not classified

GHS Label Elements:

Hazard symbol: None
Signal word: None

Hazard Statements: The mixture does not meet the criteria for classification.

Precautionary Statements:

Prevention: Observe good industrial hygiene practices.
Response: Wash hands after handling.
Storage: Store away from incompatible materials.
Disposal: Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC): None known

Supplemental information: Not applicable.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS



Mixture

Components Chemical Identity **CAS Number**

Triethylene glycol di (octanoate/decanoate)	68583-52-8
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SECTION 4 – FIRST AID MEASURES

Eye contact: Immediately flush contaminated eye(s) with water. Continue flushing for at least 15 minutes. Seek medical attention if irritation persists.

Inhalation: Move person from the source of irritation to fresh air. Obtain medical attention if necessary.

Skin contact: Wash exposed area(s) of body with soap and water. If irritation persists, obtain medical advice.

Ingestion: Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed:

Potential acute health effects:

Eye contact: Exposure may cause irritation, watering, redness and pain.
Inhalation: Not expected to pose a respiratory hazard under normal conditions of use.
Skin contact: Exposure may cause irritation or redness, similar to a rash.
Ingestion: Ingestion may cause gastrointestinal irritation, diarrhea, nausea and vomiting.

Over-exposure signs/symptoms:

Eye contact: No specific data
Inhalation: No specific data
Skin contact: No specific data
Ingestion: No specific data

Indication of immediate medical attention and special treatment needed: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing method: In case of fire, use water spray, foam dry chemical or carbon dioxide (CO₂).

Unsuitable extinguishing method: Avoid water stream as this may splash and spread fire.



Specific hazards arising from chemical: During fire, gases hazardous to health may be formed.

Special firefighting equipment and precautions for firefighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Firefighting equipment/instructions: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Use water spray to keep fire exposed containers cool.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

Methods and materials for containment and cleaning up:

For large spills: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor.

For small spills: Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material and place in an appropriate waste disposal container. Clean surface thoroughly to remove residual contamination. Dispose of via a licensed waste disposal contractor. Never return spills to original containers for reuse.

Environmental precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities: Store in accordance with local regulations. Store in original tightly closed container in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use.



Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: PEL not established for this material.

Appropriate engineering controls: Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection:

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn when handling this material.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other protection: Ensure that eyewash stations and safety showers are close to the workstation location. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

General hygiene considerations: Always observe good personal hygiene measures. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Yellow liquid
Odor: Mild
Odor Threshold: Not available
pH: Not available



Boiling Point/Range:	Not available
Melting Point/Range:	7°F (-13.8°C)
Flash Point (°C):	>201°F (>93.9°C)
Burning Time:	Not available
Burning Rate:	Not available
Evaporation Rate:	Not available
Flammability (solid gas):	Not available
Upper/Lower Explosion (flammable) Limits:	
Lower:	Not available
Upper:	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Relative Density:	Not available
Solubility:	Not available
Partition Coefficient: (n-octanol/water)	Not available
Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	10 cSt @ 40°C Typical
Other information:	
Specific gravity:	0.97 @15°C

SECTION 10 - STABILITY & REACTIVITY

Reactivity: Stable and nonreactive under normal conditions of use, storage and transport.

Chemical stability: Material is stable under normal conditions.

Possibility of hazardous reactions: Under normal conditions of use, nor dangerous reaction known.

Conditions to avoid: Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials: Strong oxidizing agents. Product may react with strong alkalis.

Hazardous decomposition products: Carbon dioxide (CO₂)

SECTION 11 - TOXICOLOGICAL INFORMATION

This product has not been tested. Information provided here has been derived from substances/products of a similar structure or composition.

Acute Toxicity:

Dermal (LD₅₀) Rabbit: >2000 mg/kg



Oral (LD50) Rat: >2000 mg/kg

Irritation/Corrosion:

Skin: Prolonged skin contact may cause temporary irritation.
Eyes: Direct contact with eyes may cause temporary irritation.

Sensitization:

Skin: This product is not expected to cause skin sensitization.
Respiratory: Not available

Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA, NTP or IARC.

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity-single exposure: Not applicable.

Specific target organ toxicity-repeated exposure: Not applicable.

Aspiration hazard: Not applicable.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:

Aquatic
Acute
Crustacea (EC50) Daphnia: 440mg/l, 48 hours

Persistence and degradability: Readily biodegradable.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: None known.

SECTION 13 - DISPOSAL CONSIDERATIONS

General Information: Dispose in accordance with all applicable local, state and federal regulations.



Disposal Methods: Dispose of material and containers in a safe manner in compliance with local, state and federal laws and regulations.

Container: Since emptied containers retain product residue, follow label warnings even after container is emptied. Consult local, state and federal laws and regulations before disposing.

SECTION 14 - TRANSPORTATION INFORMATION

U.S. DOT: Not regulated as a dangerous good.

Air Shipment (IATA): Not regulated as a dangerous good.

Ocean Shipment (IMDG): Not regulated as a dangerous good.

SECTION 15 - REGULATORY INFORMATION

U.S.:

United States TSCA Inventory Status: Listed, Active

SARA 311/312 Hazardous chemical: No

SARA 313: This product does not contain a chemical listed at or above de minimis concentrations subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

SECTION 16 - OTHER INFORMATION

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