

Material Safety Data Sheet



PRODUCT NAME: DIBUTYL SEBACATE, DBS

IDENTIFICATION AND DISTRIBUTOR INFORMATION

TRADE NAME: DIBUTYL SEBACATE, DBS
CHEMICAL FAMILY: Saturated Di-ester or fatty ester
CHEMICAL NAME: n-Decanedioic Acid Di-n-Butyl Ester
FORMULA: $\text{CH}_3(\text{CH}_2)_3\text{O}_2\text{C}(\text{CH}_2)_8\text{CO}_2(\text{CH}_2)_3\text{CH}_3$
CAS#: 109-43-3
DATE: March 24, 2008

DISTRIBUTOR: ACME-HARDESTY COMPANY
ADDRESS: 450 Sentry Parkway
Blue Bell, PA 19422

TELEPHONE: (866) 226 - 3834
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EMERGENCY: CHEMTREC (800) 424-9300

SECTION II: HAZARDOUS INGREDIENTS

HAZARDOUS MIXTURES OF LIQUIDS, SOLIDS, OR GASSES
No hazardous materials are found in this product

SECTION III: PHYSICAL DATA

APPEARANCE AND COLOR: Clear colorless liquid.
ODOR: Mild
BOILING POINT, °C: 186 - 197
VAPOR PRESSURE: (mm Hg): Not applicable
VAPOR DENSITY (air=1): 10.8
SOLUBILITY IN WATER: <0.1
SPECIFIC GRAVITY @ 25°C: 0.9223
% VOLATILE BY VOLUME: Not applicable.
EVAPORATION RATE: Not applicable

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT, °F: 350. COC
UEL / LEL: Not applicable
EXTINGUISHING MEDIA: Carbon Dioxide, Foam, or Dry Chemical
FIRE FIGHTING PROCEDURES: Water or foam may cause frothing. Toxic vapors may be released during fire; respiratory protection should be provided.
FIRE / EXPLOSION HAZARDS: None known

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Toxicity: Oral Rat LD50>5 gm/kg: Irritation; Eye-Rabbit, mild irritant; Skin-Rabbit, mild irritant

EFFECTS OF OVEREXPOSURE

This material is not listed on the ACGIH or OSHA hazardous materials lists. It is also not on the IARC or National Toxicology Program (NTP) lists or carcinogens or potential carcinogens. There may be a slight skin or eye irritation, although believed essentially non-toxic. May cause diarrhea if ingested.

EMERGENCY AND FIRST-AID PROCEDURES

ORAL: If swallowed, induce vomiting by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. call a physician immediately.

EYE CONTACT: Flush eyes with large volumes of water for 15 minutes. Get immediate medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash skin with soap and water. If irritation develops, get medical attention. Wash clothes before reusing.

INHALATION: Remove victim to fresh air. Aid in breathing if necessary, or give oxygen if breathing is difficult. Call a physician immediately.

SECTION VI: REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None known

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Confine spill. If spill is large, pump as much liquid is possible into suitable containers for disposal or re-use. Absorb small spills or large spill residue on suitable material (sawdust, clays, etc.). Shovel into containers and treat as solid waste.

WASTE DISPOSAL METHOD

Landfill or incinerate in accordance with local, state, and federal regulations

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

RESPIRATOR: The specific respirator selected must be based on the contamination level found in the work place, must not exceed the working limits of the respirator and be jointly approved by the National Institute for Occupational Safety and Health Administration.

CLOTHING: Employee must wear appropriate (impervious) clothing and equipment to prevent repeated or prolonged skin contact with this substance.

GLOVES: Employee must wear appropriate protective gloves to prevent contact with this substance.

EYE PROTECTION: Employee must wear splash-proof or dust resistant safety goggles to prevent eye contact with this substance.

VENTILATION

Mechanical (general): Provide general dilution ventilation to meet published exposure limits.

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Store away from incompatible substances. Observe all federal, state and local regulations when storing or disposing of this substance. Keep away from sparks and open flame.

OTHER PRECAUTIONS

Eliminate ignition sources.

SECTION X: REGULATORY STATUS

NFPA RATINGS (Scale 0-4):

Health: 1
Fire: 1
Reactivity: 0

DOT:

Classification - non hazardous

Proper shipping name: Plasticizers Paint or Varnish

EPA CLEAN WATER ACT:

This product may be regulated as an oil under section 311 of the Clean Water Act. Discard to navigable waterways resulting in a visible surface sheen are prohibited and must be reported (40 CFR-110-Discharge of Oil).

EPA - RCRA:

This product is not included in the lists hazardous substances (40 CFR 261.33), nor does it exhibit the characteristics of hazardous waste (40 CFR 261.20-24).

EPA - TSCA:

This product has been declared for the TSCA inventory under CAS Number 109-43-3

Note: Local or state regulations may be applicable in some areas

The data herein are based on our current knowledge and believed to be reliable. Acme-Hardesty Co., provides this information without any representation or warranty, expressed or implied, regarding its accuracy or correctness.

Users must make their own determination that handling, storage and use of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product.

Disposal of containers must comply with applicable federal, state and local laws and regulations. Empty containers should never be given to individuals.