IDENTIFICATION

MSDS Record Number: 5618254
Product Name(s): OCTYL ALCOHOL
Product Identification: MSDS NUMBER: 02712
                    PRODUCT CODE: 9085, 1915
                    C.A.S. NUMBER: 111-87-5
Date of MSDS: 2007-07-03
Currency Note: This MSDS was acquired from the supplier on 2007-09-06.

MANUFACTURER/SUPPLIER INFORMATION

Company: MALLINCKRODT BAKER INC

MATERIAL SAFETY DATA

Effective Date: 07/03/07
Supercedes: 05/07/07

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MSDS MATERIAL SAFETY DATA SHEET
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From: Mallinckrodt Baker, Inc.
      222 Red School Lane
      Phillipsburg, NJ 08865
Emergency Telephone Number: 908-859-2151

CHEMTREC: 800-424-9300 (USA)
703-527-3887
(Outside USA & CANADA)
CANUTEC: 613-996-6666

NOTE: Use CHEMTREC and CANUTEC phone numbers only in the event of a chemical emergency.

All non-emergency questions should be directed to Customer Service
(1-800-582-2537) for assistance.

M A L L I N C R O D T J. T. B A K E R
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OCTYL ALCOHOL

1. Product Identification

   Synonyms: 1-Octanol; Caprylic alcohol; Heptyl carbinol;
             1-Hydroxyoctane
   CAS No: 111-87-5
   Molecular Weight: 130.23
   Chemical Formula: CH3(CH2)7OH
Inhalation:
Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion:
Give large amounts of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

Skin Contact:
Remove any contaminated clothing. Wash skin with soap or mild detergent and water for at least 15 minutes. Wash clothes before reuse. Get medical attention if irritation develops or persists.

Eye Contact:
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Call a physician if irritation persists.

5. Fire Fighting Measures

Fire:
Flash point: 81°C (178°F) CC
Combustible Liquid and Vapor!

Explosion:
Above the flash point, explosive vapor-air mixtures may be formed.

Fire Extinguishing Media:
Water spray, dry chemical, alcohol foam, or carbon dioxide.

Special Information:
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! J. T. Baker SOLUSORB(R) solvent adsorbent is recommended for spills of this product.

7. Handling and Storage

Protect against physical damage. Outside or detached storage is preferred. Inside storage should be in a standard flammable liquids storage room or cabinet. Separate from oxidizing materials. Storage and use areas should be No Smoking areas. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection
Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous Polymerization:
Will not occur.

Incompatibilities:
Strong oxidizers.

Conditions to Avoid:
Heat, ignition sources and incompatibilities.

11. Toxicological Information

Oral mouse LD50: 1790 mg/Kg; Investigated as a mutagen.

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12. Ecological Information

Environmental Fate:
When released into the soil, this material is expected to readily biodegrade. This material has a log octanol-water partition coefficient of less than 3.0. When released into the soil, this material may leach into groundwater. When released into water, this material is expected to readily biodegrade. This material is not expected to significantly bioaccumulate. When released into water, this material may evaporate to a moderate extent. When released into the air, this material is expected to exist in the aerosol phase with a short half-life. When released into the air, this material is expected to have a half-life between 1 and 10 days. When released into the air, this material is expected to be moderately removed from the atmosphere by wet deposition.

Environmental Toxicity:
The LC50/96-hour values for fish are between 10 and 100 mg/l. This material is expected to be slightly toxic to aquatic life.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Not regulated.
difficulty.

Product Use:
Laboratory Reagent.

Revision Information:
MSDS Section(s) changed since last revision of document include: 3.

Disclaimer:
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