CALED CHEMICAL

Safety Data Sheet
Plasticizer

SECTION 1: Identification

Product identifier

Product name Plasticizer
Product number 0800
Brand Caled Chemical

Supplier's details

Name Caled Chemical
Address 26 Hanes Dr
Wayne, NJ 07470
USA
Telephone 800-652-2533
Fax 888-652-2533
email Info@caledclean.com

Emergency phone number(s)

Chemtrec 1-800-424-9300

SECTION 2: Hazard identification

Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)
- Toxic to reproduction (chapter 3.7), Cat. 1

GHS label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)

H360 May damage fertility or the unborn child
H400 New hazard statement

Precautionary statement(s)

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
SECTION 3: Composition/information on ingredients

Substances

Hazardous components

1. DI-N-BUTYL PHTHALATE
Concentration > 90 %
EC no. 201-557-4
CAS no. 84-74-2
Index no. 607-318-00-4

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled Remove to fresh air. Get medical attention. New stock phrase

In case of skin contact Flush with water. May cause mild skin irritation.

In case of eye contact May cause mild irritation. Flush eyes with large amounts of water. Get medical attention.

If swallowed Drink large amounts of water. Do not induce vomiting.

SECTION 5: Fire-fighting measures

Suitable extinguishing media Water, dry chemicals, alcohol-resistant foam or carbon dioxide.

Specific hazards arising from the chemical Carbon oxides.

Special protective actions for fire-fighters Wear protective clothing and self-contained breathing apparatus in confined areas.

Further information No data available.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures
Wear safety glasses and gloves. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Vapors can accumulate in low areas. For personal protection see section 8.

Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up
Soak up with inert absorbent material (e.g. sand, silica gel). Keep in suitable, closed containers for disposal.

Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

Precautions for safe handling
Ensure adequate ventilation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation.

Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

SECTION 8: Exposure controls/personal protection

Control parameters

1. Dibutyl phthalate (CAS: 84-74-2)
   PEL (Inhalation): 5 mg/m3 (OSHA)
   OSHA Annotated Table Z-1, www.osha.gov

2. Dibutyl phthalate (CAS: 84-74-2)
   PEL (Inhalation): 5 mg/m3 (Cal/OSHA)
   OSHA Annotated Table Z-1, www.osha.gov

3. Dibutyl phthalate (CAS: 84-74-2)
   REL (Inhalation): 5 mg/m3 (NIOSH)
   OSHA Annotated Table Z-1, www.osha.gov

Appropriate engineering controls
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Individual protection measures, such as personal protective equipment (PPE)

Pictograms

Eye/face protection
Wear safety glasses.

Skin protection
Wear protective gloves.

Body protection
Impervious clothing.

Environmental exposure controls
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**SECTION 9: Physical and chemical properties**

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance/form</td>
<td>Clear colorless liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>NA</td>
</tr>
<tr>
<td>pH</td>
<td>340 degrees C. (644 degrees F.)</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>-35 degrees C. (-31 degrees F.)</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>171 degrees C. (339 degrees F.)</td>
</tr>
<tr>
<td>Flash point</td>
<td>340 degrees C. (644 degrees F.)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Negligible</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>1.003</td>
</tr>
<tr>
<td>Upper/lower flammability limits</td>
<td>Negligible</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>171 degrees C. (339 degrees F.)</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Negligible</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.003</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Negligible</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data</td>
</tr>
</tbody>
</table>

**SECTION 10: Stability and reactivity**

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

None known.

Incompatible materials

Strong oxidizers, nitrates, bases, acids, chlorine.

Hazardous decomposition products

Thermal decomposition may produce normal combustion product.

**SECTION 11: Toxicological information**

Information on toxicological effects

Skin corrosion/irritation

May cause mild skin irritation.

Serious eye damage/irritation

Direct contact may cause eye irritation.

Respiratory or skin sensitization

May cause mild irritation to the respiratory tract.
Reproductive toxicity
Presumed human reproductive toxicant.

STOT-single exposure
No data available

STOT-repeated exposure
No data available

Aspiration hazard
No data available

SECTION 12: Ecological information

Toxicity
Not available.

Persistence and degradability
Not available.

Bioaccumulative potential
Not available.

Mobility in soil
Not available.

Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

Disposal of the product
Dispose of contents in accordance with the local/regional/national/international regulations.

Disposal of contaminated packaging
Dispose of container in accordance with the local/regional/national/international regulations.

SECTION 14: Transport information

DOT (US)
UN Number: 3082
Class: 9
Packing Group: III
Proper Shipping Name: Environmentally hazardous substances, liquid, n.o.s. (Dibutyle phthalate)
Reportable quantity (RQ): 10 lbs.
Marine pollutant: No
Poison inhalation hazard: No

IMDG
UN Number: 3082
Class: 9
Packing Group: III
EMS Number: F-A, S-F
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Dibutyl phthalate)

IATA
UN Number: 3082
Class: 9
Packing Group: III
Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Dibutyl phthalate)

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

Massachusetts Right To Know Components
Chemical name: Dibutyl phthalate
CAS number: 84-74-2

New Jersey Right To Know Components
Common name: DI-n-BUTYL PHTHALATE
CAS number: 84-74-2

Pennsylvania Right To Know Components
Chemical name: 1,2-Benzenedicarboxylic acid, dibutyl ester
CAS number: 84-74-2

California Prop. 65 components
Chemical name: DI-N-BUTYL PHTHALATE
CAS number: 84-74-2
12/02/2005 - Developmental, female, male

SARA 313 Components
Chemical name: Dibutyl phthalate

HMIS Rating

<table>
<thead>
<tr>
<th>Plasticizer</th>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
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<tbody>
<tr>
<td></td>
<td>2</td>
<td>1</td>
<td>0</td>
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NFPA Rating

SECTION 16: Other information

Further information/disclaimer
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