



J. T. Baker Chemical Co.

222 Red School Lane Phillipsburg, N.J. 08865
24-Hour Emergency Telephone -- (201) 859-2151

Chemtrec # (800) 424-9300
National Response Center # (800) 424-8802

MATERIAL SAFETY DATA SHEET

P2015 -01
Effective: 09/26/85

Phenolphthalein

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SECTION I - PRODUCT IDENTIFICATION

Product Name: Phenolphthalein
Formula: $C_6H_4COOC(C_6H_4-4-OH)_2$
Formula Wt: 318.33
CAS No.: 00077-09-8
NIOSH/RTECS No.: SM8380000
Common Synonyms: 2-[[Bis (4-hydroxyphenyl)methyl]Benzoic Acid
Product Codes: 2870,2872

PRECAUTIONARY LABELLING

BAKER SAF-T-DATA™ System

HEALTH 1 SLIGHT	FLAMMABILITY 1 SLIGHT	REACTIVITY 1 SLIGHT	CONTACT 1 SLIGHT
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Laboratory Protective Equipment



Precautionary Label Statements

STORAGE: Keep in tightly closed container.

SECTION II - HAZARDOUS COMPONENTS

Component	%	CAS No.
Not Applicable		

SECTION III - PHYSICAL DATA

Boiling Point: N/A	Vapor Pressure (mmHg): N/A
Melting Point: 260°C (500°F)	Vapor Density (air=1): 11
Specific Gravity: 1.29 (H ₂ O=1)	Evaporation Rate: N/A (Butyl Acetate=1)
Solubility (H ₂ O): Negligible (less than 0.1 %)	% Volatiles by Volume: 0

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 SECTION III - PHYSICAL DATA (Continued)
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Appearance & Odor: Odorless white to yellow powder.

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 SECTION IV - FIRE AND EXPLOSION HAZARD DATA
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Flash Point: N/A

Fire Extinguishing Media

Use extinguishing media appropriate for surrounding fire.

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 SECTION V - HEALTH HAZARD DATA
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 SECTION VI - REACTIVITY DATA
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Stability: Stable Hazardous Polymerization: Will not occur

Incompatibles: strong oxidizing agents

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 SECTION VII - SPILL AND DISPOSAL PROCEDURES
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Steps to be taken in the event of a spill or discharge

Wear suitable protective clothing. Carefully sweep up and remove.

Disposal Procedure

Dispose in accordance with all applicable federal, state, and local environmental regulations.

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 SECTION VIII - INDUSTRIAL PROTECTIVE EQUIPMENT
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Ventilation: Use adequate general or local exhaust ventilation to keep fume and dust levels as low as possible.

Respiratory Protection: None required where adequate ventilation conditions exist. If airborne concentration is high, use an appropriate respirator or dust mask.

Eye/Skin Protection: Safety glasses with sideshields, rubber gloves are recommended.

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 SECTION IX - STORAGE AND HANDLING PRECAUTIONS
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SAF-T-DATA™ Storage Color Code: Orange

Special Precautions

Keep container tightly closed. Suitable for any general chemical storage area.

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SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION

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DOMESTIC (D.O.T.)

Proper Shipping Name Chemicals, n.o.s.

INTERNATIONAL (I.M.O.)

Proper Shipping Name Chemicals, n.o.s.

N/A = Not Applicable or Not Available

The information published in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions. We reserve the right to revise Material Safety Data Sheets periodically as new information becomes available.