

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements

U.S. Department of Labor

Occupation Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY

S-722 (250245)

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufactured by:

Beaver Research Company

Address (Number, Street, City, State, and ZIP Code)

3700 E. Kilgore Road, Portage, MI 49002

HMIS RATINGS:

0=Insignificant 3=High

1=Slight 4=Extreme

2=Moderate

Health: 2

Flammability: 0

Reactivity: 0

Personal Protection: B

Emergency Telephone Number

1-800-255-3924 (Chem-Tel)

Telephone Number For Information

269-382-0133

Date Revised

10/16/07

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity;

Common Name(s))

CAS No.

ACGIH TWA
PPM MG/M³

ACGIH STEL
PPM MG/M³

SARA
TITLE III

RQ
LBS

Ethylene glycol monobutyl ether (a,b)

111-76-2

25 120

Yes

1000

Monoethanolamine

141-43-5

3 8 6 15

No

Sodium phosphate, tribasic (STPP)(c)

7758-29-4

Sodium phosphate, tribasic (TSP) (c)

7601-54-9

(a) A "YES" in the SARA TITLE III column indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

(b) Indicates an employee's skin exposure shall be prevented or reduced to the extent necessary in the circumstances through the use of gloves, coveralls, goggles, or other appropriate equipment.

(c) Indicates the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for releases or spills to the environment of the Reportable Quantity (RQ) or greater amounts, according to 40 CFR 302.

Section III - Physical/Chemical Characteristics

Boiling Point

212°F

Specific Gravity (H₂O = 1)

1.017

Vapor Pressure (mm Hg)

17mm@20°C

Melting Point

N/A

Vapor Density (AIR = 1)

<1

Evaporation Rate
(Butyl Acetate = 1)

<1

Solubility in Water: Complete

% Volatile (by wt): 91%

Total VOC: 5.70%

Appearance and Odor

Light purple liquid, lemon odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

Non-flammable

Flammable Limits

LEL

UEL

N/A

N/A

Extinguishing Media

CO₂, water, water fog, dry chemical, chemical foam.

Special Fire Fighting Procedures

Keep drums cool with water spray to prevent drum rupture due to steam buildup; floor will become slippery if material is released.

Unusual Fire and Explosion Hazards

None.

Section V - Reactivity Data

Stability

Unstable

Conditions to
Avoid

None

Stable

X

Incompatibility (Materials to Avoid)

Strong oxidizers, strong acids.

Hazardous Decomposition or Byproducts

Thermal decomposition may yield CO; CO₂; small amounts of ammonia fume.

Hazardous

May Occur

Conditions to
Avoid

None.

Polymerization

Will Not Occur

X