

Version 1.2
 Revision Date 10/15/2012

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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION
Supplier Information

 Paul H. Gesswein & Co., Inc.
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 email: info@gesswein.com, www.gesswein.com
Gesswein SDS# OK1230d
Product Name: SOAP DETERGENT
Product Number: 8521250

Emergency phone number:
CHEMTELL - 800-255-3924
SECTION 2. HAZARDOUS COMPONENTS INFORMATION

Component	CAS-No.	Weight percent
Sodium tetraborate pentahydrate	12179-04-3	30.00 - 40.00
Tetrasodium pyrophosphate	7722-88-5	7.00 - 13.00
Sodium polyphosphate	7758-29-4	3.00 - 7.00
Sodium metasilicate pentahydrate	6834-92-0	1.00 - 5.00
Sodium carbonate	497-19-8	0.50 - 1.50

Unidentified ingredients are considered not hazardous under Workplace Hazardous Material Information System (WHMIS).

SECTION 3. HAZARDS IDENTIFICATION
Emergency Overview

 Form : powder
 Colour : tan
 Odour : Soapy
 Hazard Summary : Harmful by inhalation and if swallowed. Repeated or prolonged exposure may cause irritation of eyes and skin.

Route(s) of Entry	Inhalation	Skin	Ingestion
	yes	yes	yes

Carcinogenicity:

 NTP No substance in this product is listed by NTP as a carcinogen
 IARC No substance in this product is listed by IARC as a carcinogen.

N.D. - Not Determined

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N.A. - Not Applicable

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SECTION 4. FIRST AID MEASURES

- Inhalation : Remove person to fresh air. If signs/symptoms continue, get medical attention.
- Skin contact : Flush skin with large amounts of water. If irritation develops and persists, get medical attention.
- Eye contact : Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Seek medical advice.
- Ingestion : Rinse mouth. Drink plenty of water. Obtain medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

- Flash point : Note: does not flash
- Lower explosion limit : Note: Not applicable.
- Upper explosion limit : Note: Not applicable.
- TDG Flammability Class : NONE
- Suitable extinguishing media : Carbon dioxide (CO2)
Dry chemical
Foam
Water spray
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Ensure adequate ventilation.
Avoid dust formation.
Material can create slippery conditions.
- Methods for cleaning up : Ventilate area.
Avoid dust generation
Sweep up and remove immediately.
Keep in suitable, closed containers for disposal.
Flush with plenty of water.

N.D. - Not Determined

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N.A. - Not Applicable

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Additional advice : Never return spills in original containers for re-use.

SECTION 7. HANDLING AND STORAGE

Handling

Handling : Use only with adequate ventilation.
Avoid breathing dust.

Storage

Requirements for storage areas and containers : Keep containers dry and tightly closed to avoid moisture absorption and contamination.
Store indoors in a cool, well-ventilated place
Protect from direct contact with water or excessive moisture.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component	ACGIH TLV (TWA)
Sodium tetraborate pentahydrate	1 mg/m ³
Tetrasodium pyrophosphate	5 mg/m ³
Sodium polyphosphate	NONE
Sodium metasilicate pentahydrate	NONE
Sodium carbonate	NONE

Eye protection : Chemical resistant goggles must be worn.

Hand protection : Impervious gloves

Skin and body protection : Rubber or plastic apron

Respiratory protection : If the occupational exposure limits cannot be met, suitable respirator equipment shall be worn.

Hygiene measures : Avoid contact with skin, eyes and clothing.
Wear suitable gloves and eye/face protection.
Wear suitable protective clothing.
Wash hands before breaks and immediately after handling the product.
Provide adequate ventilation.
Do not inhale fumes.
Keep away from food and drink.

N.D. - Not Determined

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N.A. - Not Applicable

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

pH	:	8.5 - 9.5 at 40 g/l
Freezing point	:	Note: not applicable
Boiling point/boiling range	:	Note: no data available
Vapour pressure	:	Note: no data available
Bulk density	:	50.1 lb/ft ³
Water solubility	:	15 g/l at 21 °C (21 °C)
Partition coefficient: n-octanol/water	:	Note: no data available
Relative density	:	Note: not applicable
Evaporation rate	:	Note: Not applicable

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	:	Exposure to moisture.
Materials to avoid	:	Strong acids
Hazardous decomposition products	:	Sulphur oxides Oxides of phosphorus Carbon oxides Boron oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:	:	Mixture; Not Determined.
Acute oral toxicity		
Tetrasodium pyrophosphate	:	LD50, rat Dose: 4,000 mg/kg
Sodium carbonate	:	LD50, rat

N.D. - Not Determined

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N.A. - Not Applicable

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Dose: 4,090 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Advice on Disposal : Refer to all federal, provincial, state and local regulation prior to disposition of container and unused contents by reuse, recycle or disposal.

SECTION 14. TRANSPORT INFORMATION

Refer to Bill of Lading.

SECTION 15. REGULATORY INFORMATION

DSL Status : All components of this material comply with the CANADA Domestic Substances List (DSL) Inventory requirements.

NFPA : 2 0 1

HMIS : 2 0 1 E

WHMIS : D2B: Toxic Material Causing Other Toxic Effects

SECTION 16. OTHER INFORMATION

Further information

N.D.

N.D. - Not Determined

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N.A. - Not Applicable