



VARI-CLEAN BOILOUT COMPOUND - SB10

| HMIS | | NFPA | Personal protective equipment | | | |
|-------------|---|------|--|--|--|--|
| Health | 3 | 3 |     | | | |
| Fire Hazard | 0 | 0 | | | | |
| Reactivity | 0 | 0 | | | | |

Version Number: 1

Preparation date: 2005-02-09

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: VARI-CLEAN BOILOUT COMPOUND - SB10

MSDS #: VCBOSB10
Product code: VCBOSB10
Recommended use: Papermill Cleaner.

Manufacturer, importer, supplier:
 JohnsonDiversey, Inc.
 3630 E. Kemper Rd.
 Cincinnati, OH 45241
 Phone: 1-800-438-2647

Canadian Headquarters
 JohnsonDiversey - Canada, Inc.
 2401 Bristol Circle
 Oakville, Ontario L6H 6P1
 Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS . HARMFUL OR FATAL IF SWALLOWED. Do not taste or swallow.

Principle routes of exposure: Eyes. Skin. Inhalation.
Skin contact: Corrosive. May cause permanent damage.
Eye contact: Corrosive. Causes permanent eye damage, including blindness.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.
Ingestion: Corrosive. Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

| Ingredient | CAS # | Weight % | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|------------------|-----------|----------|-----------------|---------------|-----------------|
| Sodium hydroxide | 1310-73-2 | 20 - 30% | 140 mg/kg (rat) | Not available | Not available |

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

Skin contact: Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.

Ingestion: Do not induce vomiting. Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects .

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, water spray, foam, carbon dioxide.

Specific hazards: Not applicable

Unusual hazards: Corrosive material (See sections 8 and 10).

Specific methods: No special methods required

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.). Contaminated surfaces will be extremely slippery.

Environmental precautions and clean-up methods: Clean-up methods - large spillage. Prevent product from entering drains. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use appropriate containment to avoid environmental contamination. Use a water rinse for final clean-up .

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Do not taste or swallow. Use only in well-ventilated areas. Avoid breathing vapors or mists. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Keep this product dry in original tightly closed container when not in use . Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
Good general ventilation should be sufficient to control airborne levels .

Personal Protective Equipment

Eye protection: Chemical splash goggles.

Hand protection: Chemical resistant gloves.

Skin and body protection: If major exposure is possible, wear suitable protective clothing and footwear. Protective footwear. Long sleeved clothing. Chemical resistant apron.

Respiratory protection: Use only in well-ventilated areas. In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

| Ingredient | CAS # | ACGIH | OSHA | Mexico |
|------------------|-----------|-------------------------------|-------------------------------|-------------------------------|
| Sodium hydroxide | 1310-73-2 | 2 mg/m ³ (Ceiling) | 2 mg/m ³ (CEILING) | 2 mg/m ³ (Ceiling) |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|--------------------------|-----------------------------------|--------------------------|
| Physical State: | Liquid | Appearance: | Liquid |
| Color: | Light brown | Boiling point/range: | Not determined |
| Odor: | Odorless | Melting point/range: | Not determined |
| Specific gravity: | 1.27 | pH: | No information available |
| Dilution pH: | No information available | Density: | No information available |
| Bulk density: | No information available | Decomposition temperature: | Not determined |
| Vapor density: | No information available | Autoignition temperature: | No information available |
| Evaporation rate: | No information available | Solubility: | Soluble |
| Solubility in other solvents: | No information available | VOC: | No information available |
| Viscosity: | No information available | Flash point: | >200 (°F) >93.3 (°C) |
| Partition coefficient (n-octanol/water): | No information available | | |

10. STABILITY AND REACTIVITY

Stability: The product is stable

Polymerization: Hazardous polymerisation does not occur

Hazardous decomposition products: None reasonably foreseeable

Materials to avoid: Strong bases. Oxidising agents.

11. TOXICOLOGICAL INFORMATION

Acute toxicity Corrosive .

Component Information: See Section 3

Chronic toxicity: None known

Specific effects

Carcinogenic effects: None known

Mutagenic effects: None known

Reproductive toxicity: None known
Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: When used for its intended purpose this product should not cause adverse effects in the environment

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Use up contents if possible before disposal . Dispose of according to all federal, state and local applicable regulations . Undiluted product is regulated under environmental and transportation laws as a corrosive waste .

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: All components of this product are listed on the following inventories: , U.S.A. (TSCA), Canada (DSL/NDL).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

| Ingredient | CAS # | MARTK: | NJRTK: | PARTK: | RIRTK: | ILRTK: | CTRTK: |
|------------------|-----------|--------|--------|--------|--------|--------|--------|
| Sodium hydroxide | 1310-73-2 | Listed | Listed | Listed | Listed | Listed | Listed |
| Water | 7732-18-5 | - | - | - | - | - | - |

CERCLA / SARA

| Ingredient | CAS # | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|------------------|-----------|----------|----------------------|-----------------------|-------------|
| Sodium hydroxide | 1310-73-2 | 20 - 30% | 1000 | | |

CAA HAP/CAA ODS/CWA Priority Pollutants: None

SARA 311/312 Hazard Categories

Immediate: Y
Delayed: N
Fire: N
Reactivity: N
Sudden Release of Pressure: N

Canada

WHMIS hazard class: E Corrosive material .



16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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