



900E Detergent (Experimental) LinenBrite

| HMIS | | NFPA | Personal protective equipment |
|-------------|---|------|-------------------------------|
| Health | 3 | 3 | |
| Fire Hazard | 1 | 1 | |
| Reactivity | 0 | 0 | |

Version Number: 1

Preparation date: 2005-10-25

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: 900E Detergent (Experimental) LinenBrite

MSDS #: MS0100445
Product code: MS0100445
Recommended use: Laundry care.

Manufacturer, importer, supplier:
 US Headquarters: Canadian Headquarters
 JohnsonDiversey, Inc. JohnsonDiversey - Canada, Inc.
 8310 16th St. 2401 Bristol Circle
 Sturtevant, Wisconsin 53177-0902 Oakville, Ontario L6H 6P1
 Phone: 1-888-352-2249 Phone: 1-800-668-3131
 MSDS Internet Address:
 www.johnsondiversev.com

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 TO EYES . CAUSES EYE BURNS . COMBUSTIBLE LIQUID AND VAPOR. MAY BE HARMFUL IF SWALLOWED .

Principle routes of exposure: Eye contact. Skin contact. Inhalation. Ingestion.
Eye contact: Corrosive. Causes permanent eye damage, including blindness.
Skin contact: Moderately irritating to the skin.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

| Ingredient | CAS # | Weight % | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|--------------------|------------|----------|------------------|----------------------|--------------------|
| Alcohol ethoxylate | 68002-97-1 | 20 - 30% | Not available | Not available | Not available |
| Isopropyl alcohol | 67-63-0 | 1 - 5% | 5000 mg/kg (rat) | 12800 mg/kg (rabbit) | 16000 ppm/8H (rat) |
| Monoethanolamine | 141-43-5 | 1 - 5% | 1720 mg/kg (rat) | 1 mL/kg (rabbit) | 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. If irritation persists, get medical attention.

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

Ingestion: If swallowed, give a cupful of water or milk . Then immediately contact a physician or Poison Center . DO NOT induce vomiting unless directed to do so by medical personnel . Never give anything by mouth to an unconscious person.

Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES

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

Specific hazards: Keep product and empty container away from heat and sources of ignition.

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.).
Environmental precautions and clean-up methods: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. 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. Avoid breathing vapors or mists. Use only with adequate ventilation. 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. Keep away from open flames, hot surfaces and sources of ignition. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:
Keep tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eye protection: Chemical splash goggles.
Hand protection: No special requirements under normal use conditions Rubber gloves recommended for prolonged or repeated skin contact
Skin and body protection: If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection: No special requirements under normal use conditions
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

| Ingredient | CAS # | ACGIH | OSHA | Mexico |
|-------------------|----------|---------------------------------|-------------------------------|--|
| Isopropyl alcohol | 67-63-0 | 400 ppm (STEL) 200 ppm (TWA) | 980 mg/m ³ 400 ppm | 1225 mg/m ³ (STEL) 980 mg/m ³ (TWA) |
| Monoethanolamine | 141-43-5 | 6 ppm (STEL) 3 ppm (TWA) | 6 mg/m ³ 3 ppm | 15 mg/m ³ (STEL) 8 mg/m ³ (TWA) |

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Colourless
Odor: Solvent
Specific gravity: 8.52 lb/gal
Dilution pH: No information available.
Bulk density: No information available
Vapor density: No information available
Evaporation rate: No information available
Solubility in other solvents: No information available
Viscosity: No information available
Partition coefficient (n-octanol/water): No information available

Appearance: Aqueous solution
Boiling point/range: Not determined
Melting point/range: Not determined
pH: 10.5
Density: 1.021 g/ml
Decomposition temperature: Not determined
Autoignition temperature: No information available
Solubility: Soluble
VOC: No information available
Flash point: 136 (°F) 57.78 (°C)

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerisation does not occur.
Hazardous decomposition products: None reasonably foreseeable.
Conditions to avoid: Keep away from open flames, hot surfaces and sources of ignition.

11. TOXICOLOGICAL INFORMATION

Acute toxicity Component Information: Oral LD50 estimated to be between 4000 - 5000 mg/kg Dermal LD50 estimated to be > 2000 mg/kg
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:

Undiluted product is regulated under environmental and transportation laws as an ignitable waste . Dispose of according to all federal, state and local applicable regulations .

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: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), Philippines (PICCS), China (IECSC).

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: |
|---------------------------------|------------|--------|--------|--------|--------|--------|--------|
| Water | 7732-18-5 | - | - | - | - | - | - |
| Alcohol ethoxylate | 68002-97-1 | - | - | - | - | - | - |
| Sodium alkyl benzene sulphonate | 85117-50-6 | - | - | - | - | - | - |
| 1-butanol, 3-methoxy-3-methyl- | 56539-66-3 | - | - | - | - | - | - |
| Isopropyl alcohol | 67-63-0 | Listed | Listed | Listed | Listed | Listed | Listed |
| Monoethanolamine | 141-43-5 | Listed | Listed | Listed | Listed | Listed | Listed |
| Sodium sulfate | 7757-82-6 | Listed | - | Listed | - | - | - |

CERCLA / SARA

| Ingredient | CAS # | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|-------------------|---------|----------|----------------------|-----------------------|-------------|
| Isopropyl alcohol | 67-63-0 | 1 - 5% | 100 | | Listed. |

Canada

WHMIS hazard class: D2B Toxic materials , B3 Combustible liquid .



| Ingredient | CAS # | NPRI |
|-------------------|---------|--------|
| Isopropyl alcohol | 67-63-0 | Listed |

16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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