MATERIAL SAFETY DATA SHEET

ALL Laundry Detergent (HE)

<table>
<thead>
<tr>
<th>HMIS</th>
<th>NFPA</th>
<th>Personal protective equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>2</td>
<td>None / Aucune / Ninguno</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Physical Hazard / Instability</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Version Number: 2
Preparation date: 2012-10-03

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ALL Laundry Detergent (HE)
MSDS #: MS0500417
Product Code: 5769089, 5769100
Recommended use:
• Laundry care
• This product is intended to be diluted prior to use

Manufacturer, importer, supplier:
Canadian Headquarters
US Headquarters
Diversey, Inc. - Canada
8310 16th St.
Sturtevant, Wisconsin 53177-1964
Phone: 1-888-352-2249
MSDS Internet Address: www.diversey.com
Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
CAUTION. CAUSES EYE AND SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED.

Principal routes of exposure: Eye contact. Skin contact. Inhalation.

Eye contact: Moderately irritating to the eyes.
Skin contact: Moderately irritating to the skin.
Inhalation: None known.
Ingestion: May cause irritation to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>LD50 Oral - Rat (mg/kg)</th>
<th>LD50 Dermal - Rabbit</th>
<th>LC50 Inhalation - Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>0.1 - 1.5%</td>
<td>500</td>
<td>=1350 mg/kg</td>
<td>Not available</td>
</tr>
<tr>
<td>Sodium dodecylbenzene sulfonate</td>
<td>25155-30-0</td>
<td>10 - 20%</td>
<td>438</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Disodium 2,2'-(1,1'-biphenyl)-4,4'-dihydroxybis(benzenesulfonate)</td>
<td>27344-41-8</td>
<td>0.1 - 1.5%</td>
<td>2000</td>
<td>2500 mg/kg</td>
<td>3.6 mg/L (4 h)</td>
</tr>
<tr>
<td>Alcohol ethoxylate</td>
<td>68002-97-1</td>
<td>10 - 20%</td>
<td>2750</td>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. If irritation persists, get medical attention.
Skin contact: Flush immediately with plenty of water. If irritation persists, get medical attention.
Inhalation: None known.
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: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
Specific hazards: Not applicable
Unusual hazards: None known
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: Use personal protective equipment
Environmental precautions and clean-up methods: Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage: Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF 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: No special requirements under normal use conditions.
   Hand protection: No special requirements under normal use conditions
   Skin and body protection: No special requirements under normal use conditions.
   Respiratory protection: No special requirements under normal use conditions.
   Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>2 mg/m³ (Ceiling)</td>
<td>2 mg/m³ (TWA)</td>
<td>2 mg/m³ (Ceiling)</td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: Liquid
Specific gravity: 1.0588
Vapor density: No information available
Boiling point/range: Not determined
Decomposition temperature: Not determined
Solubility: Completely Soluble
Solubility in other solvents: No information available
Partition coefficient (n-octanol/water): No information available
Elemental Phosphorus: 0.00 % by wt.
pH: 12.0
Explosion limits: - upper: Not determined - lower: Not determined

Bulk density: No information available
Evaporation Rate: No information available
Color: Opaque Blue
Odor: Floral
Melting point/range: Not determined
Autoignition temperature: No information available
Density: 6.84 lbs/gal 1.06 Kg/L
Flash point: > 200 °F > 93.4 °C
Viscosity: No information available
VOC: 0 % *
Dilution pH: 9.63 @ 1:512

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerization does not occur
Hazardous decomposition products: None reasonably foreseeable.
11. TOXICOLOGICAL INFORMATION

Acute toxicity:
Oral LD50 estimated to be between 2000 - 3000 mg/kg; Dermal LD50 estimated to be > 2000 mg/kg

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: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
Dispose of according to all federal, state and local applicable regulations.

14. TRANSPORT INFORMATION


DOT Bill of Lading Description: CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

IMDG Bill of Lading Description: CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

15. REGULATORY INFORMATION

Environmental Information:

CERCLA/SARA

Ingredient(s) | CAS # |
-------------|-------|
Sodium hydroxide | 1310-73-2 |
Sodium silicate | 1344-09-8 |
Sodium dodecylbenzene sulfonate | 25155-30-0 |
Disodium 2,2'-(1,1'bisheny)-4,4'-diidivinylene bis(benzenesulphonate) | 27344-41-8 |
Alcohol ethoxylate | 68002-97-1 |
Water | 7732-18-5 |

CERCLA/ SARA

Ingredient(s) | CAS # | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
-------------|-------|----------|----------------------|----------------------|-------------|
Sodium hydroxide | 1310-73-2 | 0.1 - 1.5% | 1000 | | |
Sodium dodecylbenzene sulfonate | 25155-30-0 | 10 - 20% | 1000 | | |

SARA 311/312 Hazard Categories

Immediate: X
Delayed: -
Sudden Release of Pressure: -
Reactivity: -

North America

WHMIS hazard class: D2B  Toxic materials

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRA
Additional advice:
• Contains an added fragrance, see "Odor" heading in section 9 for specific description
• This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations

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