1. IDENTIFICATION OF PRODUCT AND COMPANY

TRADE NAME 152400 (Resusci Manikin Wipes)
APPLICATION Wet wipes.

Art. no. 152400

Producer/importer
Company Laerdal Medical AS
Address Pb. 377 Sentrum
Postal code N-4002 Stavanger
Country Norway
Telephone + 47 51 51 17 00
Fax + 47 51 52 35 57

Emergency Telephones
Emergency Phone Information
+44 08 45 46 47 NHS Direct

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>No</th>
<th>Ingredient name</th>
<th>EC No.</th>
<th>CAS No.</th>
<th>Conc. (wt%)</th>
<th>Classification</th>
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<tbody>
<tr>
<td>1</td>
<td>ethanol, ethyl alcohol</td>
<td>200-578-6</td>
<td>64-17-5</td>
<td>60 - 100 %</td>
<td>F,R11</td>
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<tr>
<td>2</td>
<td>diethyl phthalate</td>
<td>201-550-6</td>
<td>84-66-2</td>
<td>1 - 5 %</td>
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</tr>
</tbody>
</table>

Legend: T+=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, E=Explosive, O=Oxidising, 
F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, Carc. = Carcinogenic, Mut. = Mutagenic, Repr. = Reproductive

INGREDIENT COMMENTS
R-phrases mentioned in section 2 are listed up in section 16 with complete text.

3. HAZARDS IDENTIFICATION

HEALTH
May be irritating to eyes. Protracted or repeated contact may irritate the skin.

FIRE AND EXPLOSION
Flammable.

ENVIRONMENT
Not regarded as dangerous for the environment.

4. FIRST AID MEASURES

INHALATION
Not relevant.

SKIN CONTACT
Wash skin thoroughly with soap and water.
SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET

Last changed: 01/11/2005
Internal No.: 152400
Replaces date: 02/08/2004

152400 (Resusci Manikin Wipes)

EYE CONTACT
Promptly wash eyes with plenty of water while lifting the eye lids. Remove any contact lenses and rinse with water for at least 15 minutes (keep the eyelids open). Get medical attention if any discomfort continues.

INGESTION
Apart from intentional ingestion, swallowing of major quantities is improbable.

Do not induce vomiting. Immediately give a glass of water if the injured person is conscious. Get medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Can be extinguished with water, powder, alcohol-resistant foam or carbon dioxide.

EXTINGUISHING METHODS
Protect against heat, use water to cool containers. Move container from fire area if it can be done without risk. If possible, fight fire from protected position.

FIRE AND EXPLOSION HAZARDS
Flammable. In the event of a fire, carbon monoxide and carbon dioxide are emitted.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS
General: Evacuate all personnel, use protective equipment for fire fighting. Use a portable breathing apparatus when the product is involved in a fire.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Eliminate all sources of ignition. Provide good ventilation.

METHODS FOR CLEANING UP
Collect and reclaim or dispose in sealed containers in licensed waste.

7. HANDLING AND STORAGE

HANDLING ADVICE
Provide good ventilation. No smoking. Eliminate all sources of ignition. Avoid inhalation of vapours. Avoid contact with eyes. Take precautionary measures against static discharges.

STORAGE

8. EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE CONTROL
Provide good ventilation. Wash at the end of each work shift and before eating, smoking and using the toilet. Eye wash facilities and emergency shower must be available when handling this product.

RESPIRATORY PROTECTION
No respirator is normally needed.
SAFETY DATA SHEET

EYE PROTECTION
Not relevant.

HAND PROTECTION
Protective gloves (butyl rubber, fluorocarbon rubber).

OEL value

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Cas nr.</th>
<th>Interval</th>
<th>ppm</th>
<th>mg/m³</th>
<th>Year</th>
<th>Notes</th>
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<tr>
<td>ethanol, ethyl alcohol</td>
<td>64-17-5</td>
<td>8 h</td>
<td>1000.0</td>
<td>1920.0</td>
<td>2005</td>
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<td>84-66-2</td>
<td>8 h</td>
<td>5.0</td>
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<td>diethyl phthalate</td>
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<td>15 min.</td>
<td>10.0</td>
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RECOMMENDED MONITORING PROCEDURES
When evaluating exposure, consider suitable method for sampling, and evaluate if stationary or mobile sampling is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Napkin.
Colour White.
Odour Alcohol.

Physical and chemical parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value / Unit</th>
<th>Method</th>
<th>Note</th>
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<tbody>
<tr>
<td>Flash point</td>
<td>29 °C</td>
<td>Ethanol</td>
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10. STABILITY AND REACTIVITY

STABILITY
Stable under recommended storage and handling conditions.

CONDITIONS TO AVOID
Avoid heat, sparks and open flame.

MATERIALS TO AVOID
Avoid contact with strong oxidisers.

11. TOXICOLOGICAL INFORMATION

INHALATION
Inhalation of high concentrations may have a numbing effect and may irritate the mucous membranes of the respiratory organs.

SKIN CONTACT
May be irritating on protracted or repeated exposure.

EYE CONTACT
May be irritating. May cause redness and itching.

INGESTION
Apart from intentional ingestion, swallowing of major quantities is improbable. May be irritating in the mouth, gullet and gastrointestinal system.

12. ECOLOGICAL INFORMATION
152400 (Resusci Manikin Wipes)

ECOTOXICITY
Not regarded as dangerous for the environment.

CONCLUSION
Prevent discharges into the sewage system, watercourses or ground.

13. DISPOSAL CONSIDERATIONS

GENERAL REGULATIONS
Treat as dangerous waste. Collect and reclaim or dispose in sealed containers in licensed waste. Empty packages must be handled in an environmentally-correct manner as per the applicable laws and regulations.

CATEGORY OF WASTE
EWC must be evaluated at the end of usage, possibly EWC: 07 06 99 wastes not otherwise specified

14. TRANSPORT INFORMATION

Classified as Dangerous Goods: ☑ Yes ☐ No ☐ N/A

UN No.: 3175

PROPER SHIPPING NAME
Solids containing flammable liquid, n.o.s. (Ethanol.)

ADR/RID

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<th>Packing group:</th>
<th>II</th>
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<tr>
<td>Hazard Id:</td>
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Flammable solid, or self-reactive substance, or self-heating substance.

IMDG

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<td>F-A, S-I</td>
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IATA

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<tr>
<td>Sub Risk:</td>
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<tr>
<td>Label:</td>
<td>Flamm. solid</td>
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15. REGULATORY INFORMATION

EC-Label ☑ No ☐ Yes ☐ N/A

COMPOSITION
ethanol, ethyl alcohol (60 - 100 %), diethyl phthalate (1 - 5 %)

R-PHRASES

<table>
<thead>
<tr>
<th>Nr.</th>
<th>R-Phrase text</th>
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<tbody>
<tr>
<td>R10</td>
<td>Flammable.</td>
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</table>
152400 (Resusci Manikin Wipes)

**S-PHRASES**
S2 Keep out of the reach of children.
S7 Keep container tightly closed.
S16 Keep away from sources of ignition - No smoking.

**REFERENCES**
Directive 1999/45/EC.
European Waste Catalogue (EWC 2002).
Regulations relating to transport of dangerous goods: ADR, RID, IMDG and IATA/ICAO.
Occupational exposure limits (EH40/2005)

**16. OTHER INFORMATION**

**INFORMATION SOURCES**
SDS from producer (27.02.2000)

**VENDOR NOTES**
The material safety data sheet is quality assured by Pride Chess in accordance with Norwegian regulations.

Revised by: Solvor Hetlelid

Pride Chess is not responsible for any incorrect information from the producer of this product.

**LIST OF RELEVANT R-PHRASES**

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<tr>
<th>Nr.</th>
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<td>R10</td>
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<tr>
<td>R11</td>
<td>Highly flammable</td>
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**ISSUED:** 17/03/2003

**REVISION HISTORY**

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<th>Version</th>
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<td>Kristin L. Dragsund</td>
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<td>Revision, regulations</td>
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**SDS prepared by**

<table>
<thead>
<tr>
<th>Company</th>
<th>Pride Chess AS</th>
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<tbody>
<tr>
<td>Postal code</td>
<td>4313 Sandnes</td>
</tr>
<tr>
<td>Country</td>
<td>Norway</td>
</tr>
<tr>
<td>E-mail</td>
<td><a href="mailto:post@pridechess.com">post@pridechess.com</a></td>
</tr>
<tr>
<td>Internet</td>
<td><a href="http://www.pridechess.com">http://www.pridechess.com</a></td>
</tr>
<tr>
<td>Telephone</td>
<td>+47 51 57 40 00</td>
</tr>
<tr>
<td>Fax</td>
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</tbody>
</table>