

SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET

Last changed: 01/11/2005

Internal No.: 152400

Replaces date: 02/08/2004

152400 (Resusci Manikin Wipes)

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



No	Ingredient name	EC No.	CAS No.	Conc. (wt%)	Classification
1	ethanol, ethyl alcohol	200-578-6	64-17-5	60 - 100 %	F,R11
2	diethyl phthalate	201-550-6	84-66-2	1 - 5 %	
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.

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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

Flammable/combustible - Keep away from oxidizers, heat and flames. Keep in original container. Keep out of the reach of children.

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.

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EYE PROTECTION

Not relevant.

HAND PROTECTION

Protective gloves (butyl rubber, fluorocarbon rubber).

OEL value

Ingredient name	Cas nr.	Interval	ppm	mg/m3	Year	Notes
ethanol, ethyl alcohol	64-17-5	8 h	1000,0	1920,0	2005	
diethyl phthalate	84-66-2	8 h		5,0	2005	
diethyl phthalate	84-66-2	15 min.		10,0	2005	

RECOMENDED 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

Parameter	Value / Unit	Method	Note
Flash point	29 °C	Ethanol	

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

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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

Class:	4.1	Packing group:	II
Danger form:	4.1		
Hazard Id:	40		

Flammable solid, or self-reactive substance, or self-heating substance.

IMDG

Class:	4.1	Packing group:	II
Sub Risk:	-	EMS:	F-A, S-I
Marine Pollutant:	-		

IATA

Class:	4.1	Packing group:	II
Sub Risk:	-		
Label:	Flamm. solid		

15. REGULATORY INFORMATION



EC-Label



No



Yes



N/A

COMPOSITION

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

R-PHRASES

Nr.	R-Phrase text
R10	Flammable.

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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.

Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances.

Directiv 2001/58/EC (91/155/EEC).

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.

Pride Chess applies a quality assurance system in accordance with ISO 9001:2000.

Revised by: Solvor Hetlelid

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

LIST OF RELEVANT R-PHRASES

Nr.	R-Phrase text
R10	Flammable.
R11	Highly flammable.

ISSUED: 17/03/2003

REVISION HISTORY

Version	Rev. date	Responsible	Changes
1.0.0	17/03/2003	Kristin L. Dragsund	Preparation
2.0.0	27/01/2004	John-Kåre Egeland	Revision
3.0.0	02/08/2004	John-Kåre Egeland	Revision
4.0.0	01/11/2005	Solvor Hetlelid	Revision, regulations

SDS prepared by

Company	Pride Chess AS
Postal code	4313 Sandnes
Country	Norway
E-mail	post@pridechess.com
Internet	http://www.pridechess.com
Telephone	+47 51 57 40 00
Fax	+47 51 57 40 01