

# JOHNSON&JOHNSON MEDICAL MICROSHIELD(TM)MOISTURISING LOTION

Chemwatch Independent Material Safety Data Sheet

Issue Date: 2-Oct-2009

NC317ECP

CHEMWATCH 4821-67

Version No:4

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## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT NAME

JOHNSON&JOHNSON MEDICAL MICROSHIELD(TM)MOISTURISING LOTION

### PRODUCT USE

Moisturising lotion.

### SUPPLIER

Company: Johnson & Johnson Medical Pty Ltd

Address:

1- 5 Khartoum Road

North Ryde

NSW, 2113

AUS

Telephone: +61 2 9878 9000

Telephone: 1800 257 210

Emergency Tel: 13 11 26

Emergency Tel: +64 3 474 7000 NZ

Fax: 1800 808 233

Company: Johnson & Johnson Medical Pty Ltd

Address:

PO Box 134

North Ryde

NSW, 2113

AUS

## Section 2 - HAZARDS IDENTIFICATION

### STATEMENT OF HAZARDOUS NATURE

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to the Criteria of NOHSC, and the ADG Code.

### POISONS SCHEDULE

None

### RISK

None under normal operating conditions.

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
propylene glycol	57-55-6	<5^
polyethylene glycol 400	25322-68-3	<1^
myristyl myristate	3234-85-3	<1^
glyceryl stearate	11099-07-3	<1^
sorbitan monostearate	1338-41-6	<1^
sodium stearate	822-16-2	<1^
cetyl alcohol	36653-82-4	<1^
stearyl alcohol	112-92-5	<1^
ethylene glycol phenyl ether	122-99-6	<1^
aloe vera extract		<1
sorbitan monostearate, ethoxylated	9005-67-8	<0.5^
carbomer		<0.5
methyl paraben	99-76-3	<0.5^
propyl paraben	94-13-3	<0.5^
butyl paraben	94-26-8	<0.5^

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### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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isopropyl myristate	110-27-0	<0.5^
dimethicone	9006-65-9	<0.5^
D- alpha- tocopherol acetate	58-95-7	<0.5^
cyclomethicone		<0.5
MPABC		<0.5
diazolidinyl urea and iodopropynyl butylcarbamate		<0.5
perfume		<0.5
water	7732-18-5	>80^

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### Section 4 - FIRST AID MEASURES

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#### SWALLOWED

- - If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- Seek medical advice.

#### EYE

- If this product comes in contact with the eyes:
- Wash out immediately with fresh running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- If pain persists or recurs seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

#### SKIN

- - Concentrate and diluted solution is readily removed with water.
- Abraded or broken skin should be washed carefully and thoroughly.
- Seek medical attention in event of irritation.

#### INHALED

- - If fumes or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.

#### NOTES TO PHYSICIAN

- Treat symptomatically.
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### Section 5 - FIRE FIGHTING MEASURES

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#### EXTINGUISHING MEDIA

- - There is no restriction on the type of extinguisher which may be used.

#### FIRE FIGHTING

- - Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves for fire only.
- Prevent, by any means available, spillage from entering drains or water courses.
- Use fire fighting procedures suitable for surrounding area.
- DO NOT approach containers suspected to be hot.
- Cool fire exposed containers with water spray from a protected location.
- If safe to do so, remove containers from path of fire.
- Equipment should be thoroughly decontaminated after use.

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## Section 5 - FIRE FIGHTING MEASURES

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### FIRE/EXPLOSION HAZARD

- - Non combustible.
  - Not considered to be a significant fire risk.
  - Expansion or decomposition on heating may lead to violent rupture of containers.
  - Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).
  - May emit acrid smoke.
- Other decomposition products include:.
- carbon dioxide (CO<sub>2</sub>).
  - nitrogen oxides (NO<sub>x</sub>).

### FIRE INCOMPATIBILITY

- None known.

**HAZCHEM: None**

### PERSONAL PROTECTION

Glasses:

Gloves:

Respirator:

Type A-P Filter of sufficient capacity

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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### MINOR SPILLS

- Clean up all spills immediately.
- Slippery when spilt.  
Wipe up.  
Place in clean drum then flush area with water.

### MAJOR SPILLS

- Slippery when spilt.
- Minor hazard.
- Clear area of personnel.
  - Alert Fire Brigade and tell them location and nature of hazard.
  - Control personal contact by using protective equipment as required.
  - Prevent spillage from entering drains or water ways.
  - Contain spill with sand, earth or vermiculite.
  - Collect recoverable product into labelled containers for recycling.
  - Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal.
  - Wash area and prevent runoff into drains or waterways.
  - If contamination of drains or waterways occurs, advise emergency services.

**Personal Protective Equipment advice is contained in Section 8 of the MSDS.**

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## Section 7 - HANDLING AND STORAGE

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### PROCEDURE FOR HANDLING

- - Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- When handling DO NOT eat, drink or smoke.
- Always wash hands with soap and water after handling.
- Avoid physical damage to containers.

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Section 7 - HANDLING AND STORAGE

- Use good occupational work practice.
- Observe manufacturer's storing and handling recommendations.

### SUITABLE CONTAINER

- - Check that containers are clearly labelled.
  - Packaging as recommended by manufacturer.
- 500 ml bottle with pump.

### STORAGE INCOMPATIBILITY

- None known.

### STORAGE REQUIREMENTS

- - Store in original containers.
  - Keep containers securely sealed.
  - Store in a cool, dry, well ventilated area.
  - DO NOT allow to freeze.
  - Store away from incompatible materials.
  - Protect containers against physical damage and check regularly for leaks.
  - Observe manufacturer's storing and handling recommendations.
- Store below 25 degrees.

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE CONTROLS

Source	Material	TWA ppm	TWA mg/m <sup>3</sup>
Australia Exposure Standards	propylene glycol (Propane- 1, 2-diol: particulates only)		10
Australia Exposure Standards	propylene glycol (Propane- 1, 2-diol total: (vapour & particulates))	150	474

The following materials had no OELs on our records

• polyethylene glycol 400:	CAS:25322- 68- 3
• myristyl myristate:	CAS:3234- 85- 3
• cetyl alcohol:	CAS:36653- 82- 4
• stearyl alcohol:	CAS:112- 92- 5
• ethylene glycol phenyl ether:	CAS:122- 99- 6
• sorbitan monostearate, ethoxylated:	CAS:9005- 67- 8
• methyl paraben:	CAS:99- 76- 3
• propyl paraben:	CAS:94- 13- 3
• butyl paraben:	CAS:94- 26- 8
• isopropyl myristate:	CAS:110- 27- 0
• dimethicone:	CAS:9006- 65- 9
• D- alpha- tocopherol acetate:	CAS:58- 95- 7
• water:	CAS:7732- 18- 5

### MATERIAL DATA

JOHNSON&JOHNSON MEDICAL MICROSIELD(TM)MOISTURISING LOTION:

None assigned.

### PERSONAL PROTECTION

continued...

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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### EYE

- None under normal operating conditions.

### HANDS/FEET

- None under normal operating conditions.

### OTHER

- None under normal operating conditions.

### RESPIRATOR

■ Selection of the Class and Type of respirator will depend upon the level of breathing zone contaminant and the chemical nature of the contaminant. Protection Factors (defined as the ratio of contaminant outside and inside the mask) may also be important.

Breathing Zone Level ppm (volume)	Maximum Protection Factor	Half- face Respirator	Full- Face Respirator
1000	10	A- AUS P	-
1000	50	-	A- AUS P
5000	50	Airline *	-
5000	100	-	A- 2 P
10000	100	-	A- 3 P
	100+		Airline**

\* - Continuous Flow

\*\* - Continuous-flow or positive pressure demand.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information consult site specific CHEMWATCH data (if available), or your Occupational Health and Safety Advisor.

### ENGINEERING CONTROLS

- None under normal operating conditions.

Provide adequate ventilation in warehouse or closed storage areas.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

A white, uniform lotion, free of foreign matter, with fragrance to match a standard; mixes with water.

### PHYSICAL PROPERTIES

Liquid.

Mixes with water.

Molecular Weight: Not applicable  
Melting Range (°C): Not available  
Solubility in water (g/L): Miscible  
pH (1% solution): Not available  
Volatile Component (%vol): Not available  
Relative Vapour Density (air=1): Not available  
Lower Explosive Limit (%): Not applicable  
Autoignition Temp (°C): Not available  
State: Liquid

Boiling Range (°C): Not available  
Specific Gravity (water= 1): Not available  
pH (as supplied): 5.0- 6.0 @ 25C  
Vapour Pressure (kPa): Not available  
Evaporation Rate: Not available  
Flash Point (°C): Not applicable  
Upper Explosive Limit (%): Not applicable  
Decomposition Temp ( °C): Not available  
Viscosity: 15000- 40000 cps cSt@40°C

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**Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION**

**CONDITIONS CONTRIBUTING TO INSTABILITY**

- Product is considered stable and hazardous polymerisation will not occur.  
*For incompatible materials - refer to Section 7 - Handling and Storage.*

**Section 11 - TOXICOLOGICAL INFORMATION**

**POTENTIAL HEALTH EFFECTS**

**ACUTE HEALTH EFFECTS**

**SWALLOWED**

- Ingestion may result in nausea, abdominal irritation, pain and vomiting.

**EYE**

- The liquid may produce eye discomfort causing smarting, pain and redness.

**SKIN**

- Excessive use or prolonged contact may lead to defatting, drying and irritation of sensitive skin.  
Not considered an irritant through normal use.

**INHALED**

- Not normally a hazard due to non-volatile nature of product.

**CHRONIC HEALTH EFFECTS**

- Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.

**TOXICITY AND IRRITATION**

- unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances.

**TOXICITY**

Oral (Rat) LD50: >2000 mg/kg

**IRRITATION**

**Section 12 - ECOLOGICAL INFORMATION**

No data

**Ecotoxicity**

Ingredient

Persistence:  
Water/Soil

Persistence: Air

Bioaccumulation

Mobility

Johnson&Johnson  
Medical  
Microshield(TM)Moisturising Lotion

No data

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## Section 13 - DISPOSAL CONSIDERATIONS

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- - Recycle wherever possible or consult manufacturer for recycling options.
- Consult State Land Waste Management Authority for disposal.
- Bury residue in an authorised landfill.
- Recycle containers if possible, or dispose of in an authorised landfill.

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## Section 14 - TRANSPORTATION INFORMATION

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HAZCHEM: None (ADG7)

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: ADG7, UN, IATA, IMDG

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## Section 15 - REGULATORY INFORMATION

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**POISONS SCHEDULE: None**

### REGULATIONS

**No data for Johnson&Johnson Medical Microshield(TM)Moisturising Lotion (CW: 4821-67)**

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## Section 16 - OTHER INFORMATION

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■ Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:  
[www.chemwatch.net/references](http://www.chemwatch.net/references).

■ The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

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*This is the end of the MSDS.*