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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

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**1.1 Product Names:** DuoDERM® Signal Border Dressing

**1.2 Product Use:** Primary dressing for low to moderately exuding wounds

**1.3 Manufacturer/Supplier:**

ConvaTec Inc.	ConvaTec Canada Ltd.
211 America Ave	1425 TransCanada Highway, suite 100
Greensboro	Dorval
North Carolina 27409	Québec
USA	H9P 2V3
	Canada

**Customer Helpline:** Customer Interaction Centre:  
USA: 800-422-8811 Canada: 1-800-465-6302

**Contact (email address):** USA: [cic@convatec.com](mailto:cic@convatec.com) Canada: [convatec.canada@convatec.com](mailto:convatec.canada@convatec.com)

**1.4 In Case of Emergency Call:** CHEMTREC: 800-424-9300  
Outside USA: +1 703 527 3887

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## 2. HAZARDS IDENTIFICATION

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**Classification of the substance or mixture** The product is not classified according to the Globally Harmonized System (GHS)

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.

**Information concerning particular hazards for human and environment:** Not applicable.

**Additional information:**

USA:  
According to 29CFR1910.1200(b)(6)(vii) for "Any drug, as that term is defined in the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 301 et seq.), when it is in solid, final form for direct administration to the patient (e.g., tablets or pills); drugs which are packaged by the chemical manufacturer for sale to consumers in a retail establishment (e.g., over-the-counter drugs); and drugs intended for personal consumption by employees while in the workplace (e.g., first aid supplies); 29CFR1910.1200 is not applicable.

CANADA:

Medical devices within the meaning of the FOOD AND DRUGS ACT (R.S.C., 1985, c. F-27) are not subject to the WHMIS supplier label and MSDS requirements of the Hazard Products Act.

**Label elements**

**GHS label elements** Not applicable

**Hazard pictograms** Not applicable

**Signal word** Not applicable

**Hazard statements** Not applicable

**Additional information:**

USA:  
According to 29CFR1910.1200(b)(6)(vii) for "Any drug, as that term is defined in the Federal Food, Drug, and Cosmetic Act (21

U.S.C. 301 et seq.), when it is in solid, final form for direct administration to the patient (e.g., tablets or pills); drugs which are packaged by the chemical manufacturer for sale to consumers in a retail establishment (e.g., over-the-counter drugs); and drugs intended for personal consumption by employees while in the workplace (e.g., first aid supplies); 29CFR1910.1200 is not applicable.

CANADA:

Medical devices within the meaning of the FOOD AND DRUGS ACT (R.S.C., 1985, c. F-27) are not subject to the WHMIS supplier label and MSDS requirements of the Hazard Products Act.

**Classification system:**

**NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 0  
Reactivity = 0

**HMIS ratings (scale 0 - 4)**



Health = 0  
Fire = 0  
Reactivity = 0

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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**Chemical characterization: Mixtures**

**Description:** Medical device product

**Dangerous components:** Not applicable

**Additional information:** All the percentages given are percentages by weight unless stated otherwise.

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### 4. FIRST AID MEASURES

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**Description of first aid measures**

**General information:** In case of doubt or when symptoms persist, always call a doctor.

**After inhalation:**

Not normally required.

**After skin contact:**

Not normally required. If needed wash with water and soap.

Seek immediate medical advice if symptoms occur.

**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Do not rub the eyes. Flush eyes with clean water.

Remove contact lenses.

**After swallowing:**

Do not induce vomiting; immediately call for medical help.

Rinse mouth with clean water.

**Information for doctor:**

**Most important symptoms and effects, both acute and delayed** No further relevant information available.

**Indication of any immediate medical attention and special treatment needed**

For specialist advice physicians should contact the anti-poison control center.

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## 5. FIRE FIGHTING MEASURES

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### Extinguishing media

#### Suitable extinguishing agents:

Not applicable. The product is not flammable.

Use firefighting measures that suit the environment.

**For safety reasons unsuitable extinguishing agents:** Water with full jet.

**Special hazards arising from the substance or mixture** No further relevant information available.

#### Advice for firefighters

**Protective equipment:** Standard protective clothing for firefighters.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Personal precautions, protective equipment and emergency procedures** Not required.

**Environmental precautions:** No special measures required.

#### Methods and material for containment and cleaning up:

Shut off leaks if without risk.

Dispose contaminated material as waste according to item 13.

#### Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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## 7. HANDLING AND STORAGE

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### Handling:

**Precautions for safe handling** No special measures required.

**Information about protection against explosions and fires:** No special measures required.

### Conditions for safe storage, including any incompatibilities

#### Storage:

**Requirements to be met by storerooms and receptacles:** Store in a cool, dry, well ventilated place.

**Information about storage in one common storage facility:** No special measures required.

**Further information about storage conditions:** Keep receptacle tightly sealed.

**Specific end use(s)** No further relevant information available.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Additional information about design of technical systems:** No further data; see item 7.

### Control parameters

#### Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists that were valid during the creation were used as basis.

### Exposure controls

#### Personal protective equipment:

**General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed.

**Breathing equipment:** Not required.

**Protection of hands:** Optional.

**Eye protection:** Not required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Information on basic physical and chemical properties</b>	
<b>General Information</b>	
<b>Appearance:</b>	
<b>Form:</b>	Laminated dressing
<b>Color:</b>	Light tan
<b>Odor:</b>	Odorless
<b>Odor threshold:</b>	Not determined.
<b>pH-value:</b>	Not applicable.
<b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.
<b>Flash point:</b>	Not applicable.
<b>Flammability (solid, gaseous):</b>	Not applicable.
<b>Ignition temperature:</b>	
<b>Decomposition temperature:</b>	Not determined.
<b>Auto igniting:</b>	Product is not self-igniting.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Vapor pressure:</b>	Not determined.
<b>Density:</b>	Not determined.
<b>Relative density</b>	Not determined.
<b>Vapor density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Solubility in / Miscibility with</b>	
<b>Water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient (n-octanol/water):</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	
<b>Other information</b>	No further relevant information available.

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## 10. STABILITY AND REACTIVITY

**Reactivity** No further relevant information available.

**Chemical stability**

**Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.  
**Possibility of hazardous reactions** No dangerous reactions known.  
**Conditions to avoid** No further relevant information available.  
**Incompatible materials:** No further relevant information available.  
**Hazardous decomposition products:** Formation of toxic gases is possible during heating or in case of fire.

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

**Acute toxicity:**

**Available data:** Based on available data acute toxic effects are not expected.

**Primary irritant effect:**

**on the skin:** No irritating effect.

**on the eye:** No irritating effect.

**Respiratory tract:** Not applicable.

**Ingestion:** Not applicable.

**Sensitization:** No sensitizing effects known.

**Additional toxicological information:**

### Carcinogenic categories

<b>IARC (International Agency for Research on Cancer)</b>
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None of the ingredients is listed.
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<b>NTP (National Toxicology Program)</b>
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None of the ingredients is listed.
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<b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>
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None of the ingredients is listed.
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**CMR effects (carcinogenicity, mutagenicity, toxicity for reproduction):**

Product is not considered to be carcinogenic, mutagenic or reprotoxic.

## 12. ECOLOGICAL INFORMATION

### Toxicity

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability** No further relevant information available.

**Behavior in environmental systems:**

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Additional ecological information:**

**General notes:** Generally not hazardous for water

**Results of PBT and vPvB assessment**

**PBT:**

Does not meet the specific criteria detailed in Annex XIII of Regulation 1907/2006 and the substance is not considered as a PBT.

**vPvB:**

Does not meet the specific criteria detailed in Annex XIII of Regulation 1907/2006 and the substance is not considered as a vPvB.

**Other adverse effects** No further relevant information available.

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Recommendation:** Disposal must be made according to official regulations.

**Uncleaned packagings:**

**Recommendation:** Disposal must be made according to official regulations.

### 14. TRANSPORT INFORMATION

<b>UN-Number</b> DOT, ADR, RID, ADN, ADN, IMDG, IATA	Not applicable
<b>UN proper shipping name</b> DOT, ADR, RID, ADN, ADN, IMDG, IATA	Not applicable
<b>Transport hazard class(es)</b> DOT, ADR, RID, ADN, ADN, IMDG, IATA Class	Not applicable
<b>Packing group</b> DOT, ADR, RID, ADN, IMDG, IATA	Not applicable
<b>Environmental hazards:</b> <b>Marine pollutant:</b>	No
<b>Special precautions for user</b>	Not applicable.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation":</b>	Not applicable

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### 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Sara

<b>Section 355 (extremely hazardous substances):</b>
None of the ingredient is listed.
<b>Section 313 (Specific toxic chemical listings):</b>
None of the ingredients is listed.
<b>TSCA (Toxic Substances Control Act):</b>
All ingredients are listed.
<b>Proposition 65</b>
<b>Chemicals known to cause cancer:</b>
None of the ingredients is listed.
<b>Chemicals known to cause reproductive toxicity for females:</b>

None of the ingredients is listed.
<b>Chemicals known to cause reproductive toxicity for males:</b>
None of the ingredients is listed.
<b>Chemicals known to cause developmental toxicity:</b>
None of the ingredients is listed.
<b>Carcinogenic categories</b>
<b>EPA (Environmental Protection Agency)</b>
None of the ingredients is listed.
<b>TLV (Threshold Limit Value established by ACGIH)</b>
None of the ingredients is listed.
<b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>
None of the ingredients is listed.
<b>Canadian substances listings:</b>
<b>Canadian Domestic Substances List (DSL)</b>
All ingredients are listed
<b>Canadian Ingredient Disclosure list (limit 0.1%)</b>
None of the ingredients is listed.
<b>Canadian Ingredient Disclosure list (limit 1%)</b>
None of the ingredients is listed.

**GHS label elements** Not applicable

**Hazard pictograms** Not applicable

**Signal word** Not applicable

**Hazard statements** Not applicable

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

### Abbreviations and Acronyms:

NOEC: No Observed Effect Concentration

IC50: Inhibition Concentration, 50 percent

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical

Substances ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

**SDS - Safety Data Sheet**  
**SDS20-043-NAE**  
Duoderm Signal Border



Location(s) Affected: Global

Status: Effective

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NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System  
(USA) PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

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*HISTORY PAGE*

<b>VERSION:</b>	1.0	<b>CR:</b>	018432	<b>ORIGINATOR:</b>	Desiree Miles	<b>Date:</b>	10 <sup>th</sup> Sept 2015
<b>COMMENTS</b> This is the first version of this document. This product safety data sheet was written according to Global Harmonized System.							
<b>VERSION:</b>	2.0	<b>CR:</b>	019186	<b>ORIGINATOR:</b>	Jackie Collings	<b>Date:</b>	10 <sup>th</sup> Nov 2015
<b>COMMENTS:</b> This is an umbrella CR, other documents affected are SDS13-073-NAE, SDS13-075-NAE, SDS20-007-NAE, SDS20-011-NAE and SDS20-043-NAE. Section 1.3 updated the telephone number for the Customer Helpline							
<b>VERSION:</b>	3.0	<b>CR:</b>	020618	<b>ORIGINATOR:</b>	Julian Fairhurst Jackie Collings	<b>Date:</b>	To be completed at next update
<b>COMMENTS:</b> This is an umbrella CR, other document's affected SDS13-073-NAE, SDS20-007-NAE, SDS20-011-NAE, SDS20-043-NAE and SDS21-028-NAE. Section 1.3 updated the customer helpline phone number and address for Canada as this was incorrect previously.							

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# SIGNATURE PAGE

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<b>Signed by</b>	<b>Justification</b>	<b>Date &amp; Time</b>
Jackie Collings	Author Approval	4/22/2016 8:52:13 AM
Nathalie Ayotte	Quality Approval	4/22/2016 8:05:53 AM
Sara J Peers	Change Control Approval	4/22/2016 7:54:43 AM