

**Safety Data Sheet**  
**Patchology MoodPatch Down Time**  
**MPDT1/MPDT5**

Iontera, Inc. (Makers of Patchology)  
83 Morse St, Ste 8A  
Norwood, MA 02062

Telephone: 401-378-6585  
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**SECTION 1 - IDENTIFICATION**

CHEMICAL FAMILY:	Patchology MoodPatch Down Time	Manufacturer: Iontera, Inc
IDENTITY (TRADE NAME):	MPDT1/MPDT5	83 Morse St, Ste 8A
ISSUE DATE:	03/11/19	Norwood, MA 02062
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**SECTION 2 - HAZARD IDENTIFICATION**

This is a personal care product that is safe for consumers when used as intended.

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

Water (Aqua/Eau), Glycerin, Butylene Glycol, PEG-60 Hydrogenated Castor Oil, Xanthan Gum, 1,2-Hexanediol, Carrageenan, Ceratonia Siliqua (Carob) Gum, Allantoin, Pentylene Glycol, Calendula Officinalis Flower, Chlorphenesin, Jasminum Officinale (Jasmine) Flower, Lavandula Angustifolia (Lavender) Oil, Propanediol, Pinus Sylvestris Leaf Extract, Potassium Chloride, Sucrose, Ethyl Hexanediol, Cocos Nucifera (Coconut) Fruit Extract, Calcium Lactate, Cellulose Gum, Gellan Gum, Sodium Polyacrylate, Disodium EDTA, Sodium Hyaluronate, Brassica Napus Extract, Calendula Officinalis Flower Extract, Forsythia Suspensa Fruit Extract, Freesia Refracta Extract, Oenothera Biennis (Evening Primrose) Flower Extract, Saururus Chinensis Extract, Ethylhexylglycerin, Coptis Chinensis Root Extract, Iron oxide (CI 77492)

**SECTION 4 - FIRST AID MEASURES**

SKIN CONTACT:	Not expected to be a skin hazard under normal use. Seek medical attention if irritation develops and persists.
EYE CONTACT:	If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.
INHALATION:	Not expected to be an inhalation hazard under normal use. Avoid breathing dust. If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.
INGESTION:	Not expected to be an ingestion hazard under normal use. If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.
Carcinogenicity	Not listed as a carcinogen by NTP, IARC, OSHA or ACGIH.

**SECTION 5 - FIRE-FIGHTING MEASURES**

FLASH POINT/METHOD:	Non-flammable. This water-based material has little potential for fire or explosion
EXTINGUISHING MEDIA:	Water, Carbon Dioxide or Dry Chemical
FIRE FIGHTING PROCEDURES - SPECIAL:	Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

SPILL AND LEAK RESPONSE:	Personnel should be trained for spill response operations. Floors may be slippery from spill. Scoop the material and clean the area with plenty of water.
SPILLS:	Absorb material and place into appropriate labeled waste container. Finish cleaning by spreading water on the contaminated surface. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

**SECTION 7 - HANDLING AND STORAGE**

HANDLING:	Avoid contact with eyes. Use good hygiene practices.
STORAGE:	Storage at temperature between 10 to 25°C in his original packaging

**SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION**

Personal care product that is safe for consumers and other users when used as intended.

General measures :	No Special measures required.
Individual protection Media :	No Special Media required.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

FLASH POINT:	Not Applicable
APPEARANCE:	Yellow hydrogel
Odor:	Characteristic
pH:	5.5-7.5
Bacteria :	<100 CFU/g or ml
Fungi:	<100 CFU/g or ml
Solubility:	Water soluble

**SECTION 10 - STABILITY AND REACTIVITY**

STABILITY:	Stable under ordinary conditions of use and storage
MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:	Strong Base or Strong Acid
HAZARDOUS DECOMPOSITION:	CO <sub>2</sub> , SO <sub>2</sub>
Hazardous Polymerization:	Will not occur under normal conditions.
CONDITIONS TO AVOID:	Keep away from heat and light

**SECTION 11 - TOXICOLOGICAL INFORMATION**

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

## Toxicity Data

ORAL:	[Water] : LD50=90,000mg/kg Rat [Glycerin] : LD50=12,600mg/kg Rat [Butylene Glycol] : LD50=22,800mg/kg Rat [Sucrose] : LD50=29,700 <sub>ms/ks</sub> Rat [Xanthan Gum] : LD50=45,000mg/kg Rat [PEG-60 Hydrogenated Castor Oil] : LD50=5,000mg/kg Rat [Allantoin] : LD50=5,000mg/kg Rat [Sodium Hyaluronate] : LD50=800mg/kg Rat [Ethylhexylglycerin] : LD50>2,000mg/kg Rat [Sodium Polyacrylate] : LD50>40,000mg/kg Rat [Cellulose Gum] : LD50>27,000mg/kg Rat [Disodium EDTA] : LD50=2,300mg/kg Rat [Ethyl Hexanediol] : LD50=1,400mg/kg Rat [1,2-Hexanediol] : LD50=5,000mg/kg Rat [Chlorphenesin] : LD50=3,000mg/kg Rat
DERMAL	[Allantoin] : LD50>5,000mg/kg Rat [Ethylhexylglycerin] : LD50>2,000mg/kg Rat [Cellulose Gum] : LD50>2,000mg/kg Rabbit [Ethyl Hexanediol] : LD50=2,000mg/kg Rat
INHALATION	[Cellulose Gum] : LC50>5,800mg/L 4hr Rat
SKIN CORROSION/IRRITATION	[Ethyl Hexanediol] : Mild skin irritation / STANDARD DRAIZE TEST [1,2-Hexanediol] : No skin irritation / Rabbit
SERIOUS EYE DAMAGE/IRRITATION	[Ethyl Hexanediol] : Serious Eye Irritation / STANDARD DRAIZE TEST [1,2-Hexanediol] : No Eye irritation / Rabbit
Respiratory sensitization	Not available
Skin sensitization	Not available
Carcinogenicity	Not available
Germ cell mutagenicity	Not available
Reproductive toxicity	Not available
Further information	Not available

**SECTION 12 - ECOLOGICAL INFORMATION**

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

Ecotoxicity	[Butylene Glycol] : LC50 100mg/L 96hr Oryzias latipes EC50 1,000mg/L 48hr Daphnia magna EC50 1,070mg/L 72hr Algae  [Sucrose] : LC50 199,000,000 <sub>ms/ks</sub> /t 96 hr Fish LC50 138,000,000 <sub>ms/ks</sub> /t 48 hr Crustacean EC50 60,200,000 <sub>ms/ks</sub> /t 96 hr Algae  [Xanthan Gum] : LC50 420mg/L 96hr Oncorhynchus mykiss  [Allantoin] : LC50 5,000mg/L 96hr Brachydanio rerio EC50 100mg/L 48hr Daphnia magna  [Calcium Lactate] : LC50 186,000mg/L 96hr Fish EC50 7,120,000mg/L 48hr Crustacean EC50 3,330,000mg/L 72hr Algae  [Disodium EDTA] : LC50 320mg/L 96hr Poecilia reticulata  [Ethyl Hexanediol] : LC50 624mg/L 96hr Ictalurus punctatus EC50 134.717mg/L 48hr Daphnia magna EC50 53.750mg/L 96hr Algae  [1,2-Hexanediol] : LC50 1291.099 mg/L 96 hr Fish LC50 599.986 <sub>ms/ks</sub> /L 48 hr Crustacean EC50 161.332 mg/L 96 hr Algae
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Persistence	[Butylene Glycol] : 7.21 log Kow [Sucrose] : -3.70 log Kow [PEG-60 Hydrogenated Castor Oil] : 17.71 log Kow [Allantoin] : -3.14 log Kow [Calcium Lactate] : -3.07 log Kow [Disodium EDTA] : -11.70 log Kow [Ethyl Hexanediol] : 1.600 log Kow [1,2-Hexanediol] : 0.58 log Kow [Chlorphenesin] : 1.5 log Kow
Bioaccumulation	[Butylene Glycol] : 2668 [PEG-60 Hydrogenated Castor Oil] : 3.162 [Calcium Lactate] : 3.162 [Disodium EDTA] : 3.162 [Ethyl Hexanediol] : 5.281 (L/kg wet-wt) [1,2-Hexanediol] : 3.162 [Chlorphenesin] : 0.6427
Biodegradation	Not available
Mobility in soil	[Butylene Glycol] : 60530 [PEG-60 Hydrogenated Castor Oil] : 2060000000 [Allantoin] : 10 [Ethyl Hexanediol] : 0.987 [1,2-Hexanediol] : 3.047 [Chlorphenesin] : 10
Degradability	This product is readily biodegradable.
Bioaccumulative Potential	Not available

### SECTION 13 - DISPOSAL CONSIDERATION

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

### SECTION 14 - TRANSPORTATION INFORMATION

Not a hazardous material for transportation	
HAZARD CLASS:	None
ROAD	Not regulated: should follow the packaging standard
AIR	Not regulated: should follow the packaging standard
SEA	Not regulated: should follow the packaging standard
Specificity	Not regulated: should follow the packaging standard
IATA	Not regulated as dangerous goods

### SECTION 15 - REGULATORY INFORMATION

None

### SECTION 16 - OTHER INFORMATION

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All chemicals may pose unknown hazards and should be used with cautions. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Dermaceutical Laboratories assumes no responsibility for the completeness or accuracy of the information contained herein. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and protection of the environment

End of SDS Sheet