

Safety Data Sheet
Patchology MoodPatch Down Time
MPLG1/MPLG5

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

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SECTION 1 - IDENTIFICATION

CHEMICAL FAMILY:	Patchology MoodPatch Keep Smiling	Manufacturer: Iontera, Inc
IDENTITY (TRADE NAME):	MPLG1/MPLG5	83 Morse St, Ste 8A
ISSUE DATE:	07/19/19	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, Lavandula Angustifolia (Lavender) Extract, Lavandula Angustifolia (Lavender) Flower, Echinacea Pallida Extract, Sodium Hyaluronate, Viola Odorata Extract, Cyclodextrin, Dextrin, Propanediol, Pentylene Glycol, Cocos Nucifera (Coconut) Fruit Extract, Pinus Sylvestris Leaf Extract, Ethylhexylglycerin, Ceratonia Siliqua (Carob) Gum, Sucrose, Carrageenan, Potassium Chloride, Xanthan Gum, Coptis Chinensis Root Extract, Camellia Sinensis Leaf Extract, Allantoin, PEG-60 Hydrogenated Castor Oil, Calcium Lactate, Sodium Polyacrylate, Cellulose Gum, Gellan Gum, Ethyl Hexanediol, 1,2-Hexanediol, Chlorphenesin, Caprylyl Glycol, Dipotassium Glycyrrhizate, Disodium EDTA, Fragrance (Parfum), Manganese Violet (CI 77742)

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. (Biodegradable) 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. Do not ingest. Use good hygiene practices.
STORAGE:	Storage at temperature between 10 et 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:	Nonflammability
APPEARANCE:	Purple 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:	COx, SOx
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:	<p>[Water] : LD50=90,000mg/kg Rat</p> <p>[Glycerin] : LD50=12,600mg/kg Rat</p> <p>[Butylene Glycol] : LD50=22,800mg/kg Rat</p> <p>[Sucrose] : LD50=29,700 ^{mg/kg} Rat</p> <p>[Xanthan Gum] : LD50=45,000mg/kg Rat</p> <p>[PEG-60 Hydrogenated Castor Oil] : LD50=5,000mg/kg Rat</p> <p>[Allantoin] : LD50=5,000mg/kg Rat</p> <p>[Sodium Hyaluronate] : LD50=800mg/kg Rat</p> <p>[Ethylhexylglycerin] : LD50>2,000mg/kg Rat</p> <p>[Sodium Polyacrylate] : LD50>40,000mg/kg Rat</p> <p>[Cellulose Gum] : LD50>27,000mg/kg Rat</p> <p>[Disodium EDTA] : LD50=2,300mg/kg Rat</p> <p>[Ethyl Hexanediol] : LD50=1,400mg/kg Rat</p> <p>[1,2-Hexanediol] : LD50=5,000mg/kg Rat</p> <p>[Chlorphenesin] : LD50=3,000mg/kg Rat</p> <p>[Dipotassium Glycyrrhizate] : LD50=2,000mg/kg Rat</p> <p>[Cyclodextrin]: LD50 >18,800 mg/kg Rat</p>
DERMAL	<p>[Allantoin] : LD50>5,000mg/kg Rat</p> <p>[Ethylhexylglycerin] : LD50>2,000mg/kg Rat</p> <p>[Cellulose Gum] : LD50>2,000mg/kg Rabbit</p> <p>[Ethyl Hexanediol] : LD50=2,000mg/kg Rat</p>
INHALATION	<p>[Cellulose Gum] : LC50>5,800mg/L 4hr Rat</p>
SKIN CORROSION/IRRITATION	<p>[Ethyl Hexanediol] : Mild skin irritation / STANDARD DRAIZE TEST</p> <p>[1,2-Hexanediol]: No skin irritation / Rabbit</p> <p>[Caprylyl Glycol]: Probability of SEV=1.000</p>
SERIOUS EYE DAMAGE/IRRITATION	<p>[Ethyl Hexanediol] : Serious Eye Irritation / STANDARD DRAIZE TEST</p> <p>[1,2-Hexanediol]: No Eye irritation / Rabbit</p> <p>[Cyclodextrin]: Mild Eye Irritation (OECD Test Guideline 405)</p> <p>[Caprylyl Glycol]: Probability of MOD/SEV=0.122</p>
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	<p>[Butylene Glycol] : LC50 100mg/L 96hr Oryzias latipes EC50 1,000mg/L 48hr Daphnia magna EC50 1,070mg/L 72hr Algae</p> <p>[Cyclodextrin]: LC50 O/R None toxic 96hr Fish LC50 O/R None toxic 48hr Crustacean EC50 O/R None toxic 96hr Algae</p> <p>[Sucrose] : LC50 199,000,000 μg/l 96 hr Fish LC50 138,000,000 μg/l 48 hr Crustacean EC50 60,200,000 μg/l 96 hr Algae</p> <p>[Xanthan Gum] : LC50 420mg/L 96hr Oncorhynchus mykiss</p> <p>[Allantoin] : LC50 5,000mg/L 96hr Brachydanio rerio EC50 100mg/L 48hr Daphnia magna</p> <p>[Calcium Lactate] : LC50 186,000mg/L 96hr Fish EC50 7,120,000mg/L 48hr Crustacean EC50 3,330,000mg/L 72hr Algae</p> <p>[Disodium EDTA] : LC50 320mg/L 96hr Poecilia reticulata</p> <p>[Ethyl Hexanediol] : LC50 624mg/L 96hr Ictalurus punctatus EC50 134,717mg/L 48hr Daphnia magna EC50 53,750mg/L 96hr Algae</p> <p>[1,2-Hexanediol]: LC50 1291.099 mg/L 96 hr Fish LC50 599.986 μg/L 48 hr Crustacean EC50 161.332 mg/L 96 hr Algae</p> <p>[Caprylyl Glycol]: LC50 218.388 mg/L 96 hr Fish EC50 117.346 μg/L 48 hr Crustacean EC50 48.338 mg/L 96 hr Algae</p>
Persistence	<p>[Butylene Glycol] : 7.21 log Kow</p> <p>[Cyclodextrin]: -10.73 log Kow</p> <p>[Sucrose] : -3.70 log Kow</p> <p>[PEG-60 Hydrogenated Castor Oil] : 17.71 log Kow</p> <p>[Allantoin] : -3.14 log Kow</p> <p>[Calcium Lactate] : -3.07 log Kow</p> <p>[Disodium EDTA] : -11.70 log Kow</p> <p>[Ethyl Hexanediol] : 1.600 log Kow</p> <p>[1,2-Hexanediol]: 0.58 log Kow</p> <p>[Chlorphenesin]: 1.5 log Kow</p> <p>[Caprylyl Glycol]: 1.67 log Kow</p>
Bioaccumulation	<p>[Butylene Glycol] : 2668</p> <p>[Cyclodextrin]: 3.162</p> <p>[PEG-60 Hydrogenated Castor Oil] : 3.162</p> <p>[Calcium Lactate] : 3.162</p> <p>[Disodium EDTA] : 3.162</p> <p>[Ethyl Hexanediol] : 5.281 (L/kg wet-wt)</p> <p>[1,2-Hexanediol]: 3.162</p> <p>[Chlorphenesin]: 0.6427</p> <p>[Caprylyl Glycol]: 5.904</p>
Biodegradation	Not available
Mobility in soil	<p>[Butylene Glycol] : 60530</p> <p>[PEG-60 Hydrogenated Castor Oil] : 2060000000</p> <p>[Allantoin] : 10</p> <p>[Ethyl Hexanediol] : 0.987</p> <p>[1,2-Hexanediol]: 3.047</p> <p>[Chlorphenesin]: 10</p>
Degradability	<p>[Cyclodextrin]: aerobic 75% / 28 d - Readily biodegradable</p> <p>[Caprylyl Glycol]: non-biodegradable</p>
Mobility in soil	<p>[Butylene Glycol] : 60530</p> <p>[PEG-60 Hydrogenated Castor Oil] : 2060000000</p> <p>[Allantoin] : 10</p> <p>[Ethyl Hexanediol] : 0.987</p> <p>[1,2-Hexanediol]: 3.047</p> <p>[Chlorphenesin]: 10</p> <p>[Caprylyl Glycol]: 10.62</p>
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**PREPARED BY:** Fedora Stojkoska-Hristov**DATE OF PRINTING:** July 19, 2019

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