

Maptrons®

Organic Natural Handwash

MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION AND USE	
Product Name: Organic Natural Handwash	
Manufacturer's Name: Maptrons®	
Emergency Telephone Number +91 7974572261	Product Use: Personal care

SECTION II: HEALTH HAZARD DATA	
Emergency Overview: No known health hazards.	
Potential Health Effects:	
Eyes:	Minimal Irritant
Skin:	Non-Irritant
Inhalation:	Unknown
Ingestion:	Non-Toxic

SECTION III: PRODUCT INGREDIENTS TECHNICAL DATA				
Ingredient Name	Concentration %	CAS Number	Function	Toxicity Data LD ₅₀ (oral, rat)
aqua (water)	30-100	7732-18-5	diluent	NAV
"aloe foam" derived from quallaja saponaria extract	3-10	68990-67-0	natural cleaning agent	1288 mg/kg
natural surfactant soapnut "reetha"	3-10	8047-15-2	natural foaming agent	>2000 mg/kg
aloe barbadensis leaf juice	3-10	85507-69-3	feel enhancer	NAV
glycerin	1-3	56-64-2	skin moisturiser	>12000 mg/kg
essential oil terpene (antibacterial solution)	1-3	68647-72-3	antibacterial	8100 mg/kg
natural surfactant soap berry sapindus trifoliatus	≤1	223748-41-2	natural foaming agent	NAV
sodium chloride(thickener)	≤1	7647-14-5	viscosity modifier	3000 mg/kg
gel base	≤1	NAV	viscosity modifier	>2000 mg/kg
lauryl lactyl lactate (shiner)	≤1	910661-93-7	skin conditioner	NAV
essential oils & botanical extracts*	≤1	mixture	fragrance	NAV
citric acid	≤1	77-92-9	pH adjuster	3000 mg/kg
permitted food color	≤1%	mixture	appearance/coloring	
coco-glucoside	≤1%	141464-42-8	skin conditioner	>2000 mg/kg

*Just Clean Unscented: not applicable.

*Fresh Citrus: citrus aurantium dulcis (orange) peel oil, citrus grandis (grapefruit) peel oil, citrus nobilis (mandarin orange) peel oil. d-Limonene is a component of these essential oils.

*Lavender: citrus aurantifolia (lime), cananga odorata (ylang ylang), lavandula angustifolia (lavender), mentha spicata (spearmint), mentha piperita (peppermint). Linalool and d-Limonene are components of these essential oils.

*Black Current & Rosewater: citrus aurantium dulcis (orange) peel oil, seed oil, rose flower oil. d-Limonene is a component of these essential oils.

*Citrus medica limonum (lemon), (palmarosa) oil, (bergamot), (cardamon) seed oil, (clary sage) oil, thymus capitatus oil, hibiscus sabdariffa flower extract.

SECTION IV: FIRST AID MEASURES	
First Aid Procedures:	
Eyes:	Flush eyes with water immediately after contact. Call a physician if irritation persists.
Skin:	Not Applicable.
Inhalation:	Not Applicable.
Ingestion:	Drink 4-8 ounces of water or milk immediately. If prolonged nausea or pain occurs call a doctor.
SECTION V: FIRE FIGHTING MEASURES	
Flash Point (°C) and Method:	Non flammable.
Extinguishing Media:	As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide or foam.
Special Procedures:	Fire fighters should wear self contained breathing apparatus as for surrounding fire.

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SECTION VI: ACCIDENTAL RELEASE MEASURES		
Spill and Leak Precautions:	Absorb the spill with a paper towel.	
SECTION VII: HANDLING, DISPOSAL & STORAGE		
Handling Procedures and Equipment:	No unusual precautions necessary.	
Waste Disposal:	Any disposal practice must be in compliance with local, state, and federal laws and regulations.	
Storage Procedures:	- KEEP OUT OF REACH OF CHILDREN & PETS.	
Personal Protective Equipment:	Not Applicable.	
Engineering Controls:	Not Applicable.	
SECTION VIII: PHYSICAL & CHEMICAL PROPERTIES		
Physical State:	Liquid.	
Appearance & Color:	Clear	
pH:	6.2 - 6.8	
Specific Gravity:	1.04 - 1.06	
Solubility in Water:	Miscible.	
Odor Threshold Limit:	Not Applicable.	
SECTION IX: STABILITY & REACTIVITY		
Chemical Stability:	<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable under the following conditions:
Incompatible Materials:	None known.	
Hazardous Decomposition Products:	None known.	
Possibility of Hazardous Reactions:	None known.	
SECTION X: TOXICOLOGICAL INFORMATION		
Route(s) of Entry:	<input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> Inhalation, Acute <input type="checkbox"/> Inhalation, Chronic <input checked="" type="checkbox"/> Ingestion	
Effects of Acute Exposure to Product:	Acute exposure may result in eye irritation, however no permanent damage is expected.	
Effects of Chronic Exposure to Product:	NAP	
LD₅₀ of Product (mg/kg):	>5000	
Chronic Toxicities:	<input type="checkbox"/> Carcinogenic	<input type="checkbox"/> Reproductive Toxin <input type="checkbox"/> Teratogenic <input type="checkbox"/> Mutagenic <input checked="" type="checkbox"/> None
SECTION XI: ECOLOGICAL INFORMATION		
Ecotoxicity: LC₅₀ of Product:	<100 mg/L	
Environmental Fate:	This product is biodegradable.	
SECTION XII: TRANSPORTATION INFORMATION		
Not regulated.		
SECTION XIII: PREPARATION INFORMATION		
Additional Information: The information in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other material or any process.		
Sources Used: General MSDS chemical references.		
Prepared by	Telephone Number	Issue Date
Maptrons	+91 7974572261	8/13/2012
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