

**1 – IDENTIFICATION**

IDENTIFIER	EPSOM SALT
PRODUCT CODE	Articul –R, Tiger Balm, Phytomix, Eucalyptus, Energy, Lavandula, Waterfalls, Sensual River, Quiet Sea, Evening Tide, Escape, Sunset Mist.
RECOMMENDED USE	Epsom salt for spa and bath.
RESTRICTIONS ON USE	
SUPPLIER / MANUFACTURER	PHARMA SPA INTERNATIONAL INC. 2035, rue Dagenais Laval, QC H7L 5V1 info@pharmaspaspa.ca
EMERGENCY TELEPHONE	1-877-829-9772 / 450-629-9772, (24hr)

**2 – HAZARD IDENTIFICATION**

CLASSIFICATION	Not regulated under WIMHS 2015.	
LABEL ELEMENTS		
SIGNAL WORD		
HAZARD STATEMENT		
PRECAUTIONARY STATEMENTS – PREVENTION		
PRECAUTIONARY STATEMENTS – RESPONSE		
PRECAUTIONARY STATEMENTS – STORAGE		
PRECAUTIONARY STATEMENTS - ELIMINATION	P501	Dispose contents/containers according to municipal, provincial and federal regulations.
OTHER HAZARDS	Otherwise unclassified dust.	

**3 – COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME	C.A.S.	CONCENTRATION
Magnesium sulphate	7487-88-9	80 – 100 *

\* TRADE SECRET STATEMENT: The exact concentration of composition has been withheld as a trade secret.

**4 – FIRST AID MEASURES**

ROUTE OF EXPOSURE	Inhalation, eyes, skin, ingestion
INHALATION	IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CONTROL CENTER or physician.
DERMAL	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
OCULAR	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
ORAL	NEVER give anything orally if victim is losing consciousness, is unconscious or having convulsions. Rinse mouth with water thoroughly. DO NOT INDUCE VOMITING. Ask victim to drink two glasses of water. If vomiting occurs naturally, lean victim forward to reduce risks of aspiration. Continue to drink water. Obtain medical care.
NOTE TO PHYSICIAN	Specific treatment: Treat symptomatically.

**5 – FIRE-FIGHTING MEASURES**

SUITABLE EXTINGUISHING MEDIA	Depending on the conditions of the surrounding fire. Water spray, chemical foam, dry chemical powder, CO <sub>2</sub> .
UNSUITABLE EXTINGUISHING MEDIA	None known.
SPECIFIC HAZARDS	Magnesium oxides, sulfur compounds, carbon oxides, nitrogen oxides, acid smoke.
PROTECTIVE EQUIPMENT	Fire-fighters must wear protective equipment and NIOSH approved self-contained breathing apparatus.
PRECAUTIONS	Do not let water run-off reach sewers, ditches or waterways.

**6 – ACCIDENTAL RELEASE MEASURES**

PROTECTIVE EQUIPMENT	Wear appropriate respiratory equipment (See Section 8). Avoid direct contact with product. Remove non-essential personnel.
CONTAINMENT AND CLEAN UP	Ventilate spill area. Stop spill if safe to do so. Contain and absorb with an inert absorbing material for future disposal (See Section 13). Prevent spill from entering sewers or waterways. Retain water run-off if applicable. Inform proper authorities if necessary.
ENVIRONMENTAL PRECAUTIONS	Avoid entering sewers, waterways or restricted areas. Eliminate according to municipal, provincial and federal regulations.

**7 – HANDLING AND STORAGE**

HANDLING	Containers must be identified correctly. Handle in a well-ventilated area. Avoid breathing dust, vapours or mists. Avoid contact with eyes, skin and clothes. Keep containers closed when not in use. Empty containers may contain residues and must be handled as hazardous waste. Maintain good personal hygiene before eating, drinking or smoking. Do not eat, drink or smoke while using the product or in proximity. Wash contaminated clothing before reuse.
STORAGE	Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep

	containers closed.
INCOMPATIBLE MATERIALS	Metal hydrides and other water reactive materials.

**8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

CHEMICAL NAME	C.A.S.	SOURCE	VALUE
Magnesium sulphate	7487-88-9	CNESST	TWA 10 mg/m3
		OSHA	TWA 15 mg/m3
		OSHA	STEL 5 mg/m3
		ACGIH	TWA 10 mg/m3
		ACGIH	STEL 3 mg/m3

ENGINEERING CONTROLS	Use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels to an acceptable level.
RESPIRATORY PROTECTION	Maintain atmospheric concentrations below exposure limits. If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator. In case of spill or leak resulting in unknown concentration, use a NIOSH approved supplied air respirator.
PROTECTIVE EQUIPMENT AND CLOTHING	Wear chemical / impermeable gloves or other protective clothing to prevent repeated or continuous contact with the skin during handling and usage. Wear goggles to prevent mist, vapours or dust to contact eyes. Ensure that eyewash stations, showers and cleaning stations are near to workstation.
OCULAR PROTECTION	Chemical goggles; also wear a face shield if splashing hazard exists.
GENERAL HYGIENE RECOMMENDATIONS	Ensure that eyewash stations and safety showers are proximal to the work-station location. Avoid production of high concentrations of dust, vapours or mists. Avoid contact with skin and eyes. Avoid breathing dust, vapours or mists. Never eat, drink or smoke near workstations. Good hygiene is recommended after using this product. Clean clothing before reuse.

**9 – PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Solid.
ODOUR	Various.
ODOUR TRESHOLD	Not available.
pH	6.0 – 7.0
MELTING / FREEZING POINT	Not available.
INITIAL BOILING POINT	Not available.
FLASH POINT	Not applicable.
EVAPORATION RATE	Not available.
FLAMMABILITY	Not flammable.
LOWER FLAMMABLE/EXPLOVISE LIMIT	Not applicable.
UPPER FLAMMABLE/EXPLOSIVE LIMIT	Not applicable.
VAPOUR PRESSURE	Not available.
VAPOUR DENSITY	Not available.

RELATIVE DENSITY	Not available.
SOLUBILITY (in water)	Soluble.
PARTITION COEFFICIENT (n-octanol/water)	Not available.
AUTO-IGNITION TEMPERATURE	Not available.
DECOMPOSITION TEMPERATURE	Not available.
VOC	Not available.
VISCOSITY	Not applicable.

**10 – STABILITY AND REACTIVITY**

REACTIVITY	Stable under recommended usage.
CHEMICAL STABILITY	Stable under normal usage conditions.
HAZARDOUS REACTIONS	Polymerization will not occur.
CONDITIONS TO AVOID	Incompatible materials.
INCOMPATIBLE MATERIALS	Metal hydrides and other water reactive materials.
HAZARDOUS DECOMPOSITION PRODUCTS	Magnesium oxides, sulfur compounds, carbon oxides, nitrogen oxides.
ADDITIONAL INFORMATION	None.

**11 – TOXICOLOGICAL INFORMATION**

ACUTE EFFECTS	
INHALATION	Inhalation of dust may cause irritation of respiratory tract.
DERMAL	No adverse effects reported or expected in normal usage.
OCULAR	Slight and temporary irritation. Redness, pain, tearing.
ORAL	Ingestion not likely in normal usage. Nausea, vomiting, abdominal pain, diarrhea.
CHRONIC EFFECTS	
INHALATION	No data.
DERMAL	No data.
OCULAR	No data.
ORAL	No data.
ADDITIONAL INFORMATION	
CARCINOGENIC EFFECTS (IARC)	Not classified.
MUTAGENIC EFFECTS	No data.
TERATOGEN EFFECTS	No data.
REPRODUCTION	No data.
SENSIBILISATION	No data.
TARGET ORGANS	No data.
AGGRAVATED CONDITIONS	No data.
SYNERGISTIC SUBSTANCES	No data.

CHEMICAL NAME	C.A.S.	LD50 ORAL mg/kg	LD50 DERMAL mg/kg	LC50 INHALATION
Magnesium sulphate	7487-88-9	>2000, rat	>2000, rat	No data.

**12 – ECOLOGICAL INFORMATION**

Magnesium sulphate	7487-88-9
EC50 344 mg/L	Daphnia magna

PERSISTENCE AND DEGRADABILITY	Not available.
BIOACCUMULATIVE POTENTIAL	Not available.
SOIL MOBILITY	Not available.
OTHER ADVERSE EFFECTS	Not available.
ADDITIONAL INFORMATION	Do not let material or fire-fighting water run-off enter sewers or waterways. Obstruct drains and ditches. Affected areas must be cleaned and restored to their original conditions or to the satisfaction of the authorities.

**13 – DISPOSAL CONSIDERATIONS**

DISPOSAL METHOD	Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.
CONTAMINATED PACKAGING	Empty containers should be recycled or disposed of through an approved waste management facility.

**14 – TRANSPORT INFORMATION**

TRANSPORT OF DANGEROUS GOODS (CANADA)	Not regulated for transport.
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MARINE POLLUTANT	No.
SPECIAL PRECAUTIONS	None.

**15 – REGULATORY INFORMATION**

CANADA	
CEPA	All components of this product are either listed or exempt from listing on the Domestic substances List (DSL).
USA	
TSCA	All components of this product are either listed or exempt from listing on the Toxic Substances Control Act (TSCA) Inventory.

**16 – OTHER INFORMATION**

VERSION	2.0
DATE	May 14, 2021
PREPARED BY	LABORATOIRE CAMPEAU INC. 61 rue des Menuisiers, local 106 Sainte-Anne-des-Plaines, QC J0N 1H0 450-940-0644
ABBREVIATIONS	ABBREVIATIONS
ACGIH	American Conference of Governmental Industrial Hygienists
AIHA	American Industrial Hygiene Association
CAS	Chemical Abstract Service
CEPA	Canadian Environmental Protection Act
CIRC	Centre International pour la Recherche sur le Cancer
CL / LC	Concentration létale /Lethal concentration
DL / LD	Dose létale / Lethal dose
CE / EC	Concentration efficace / Effective concentration
IARC	International Agency for Research on Cancer
LCPE	Loi Canadienne sur la Protection de l'Environnement
LES/NDSL	Liste extérieure des substances / Non domestic substances list
LIS/DSL	Liste intérieure des substances / Domestic substances list
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
SIMDUT	Système d'information sur les matières dangereuses utilisées au travail
STEL	Short-term Exposure Limit
STOT	Specific target organ toxicity
TCOC	Specific target organ toxicity
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
USEPA	United States Environmental Protection Agency
VECD	Valeur exposition courte durée
VEMP	Valeur exposition moyenne pondérée
WHMIS	Workplace Hazardous Materials Information System
NOTICE TO READER	All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Laboratoire Campeau makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Laboratory Campeau's control and therefore users are responsible to verify this data under their own operation conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling and disposal of the product or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.