

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING
PRODUCT IDENTIFIER

Product Name	Magnesium Chloride Flakes
Other Names	Magnesium Chloride Hexaydrate, Magnesium Chloride, 6-Hydrate
Chemical Nature	Inorganic Salt
Recommended Use	Bathing, Raw material in Cosmetic industry

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients Ltd	Pure Nature
Address	626A Rosebank Road, Avondale 1026	626A Rosebank Road, Avondale 1026
Telephone	+64 9 813 5619	+64 9 813 9412
Website	www.pureingredients.co.nz	www.purenature.co.nz
Email	compliance@pureingredients.co.nz	info@purenature.co.nz

EMERGENCY TELEPHONE NUMBER

Association / Organisation	0800 CHEMCALL / 0800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

GHS / HSNO Hazard Classification	Not classified
HSNO Approval Number	Nil
Hazard Nature	This product is classified not classified under HSNO criteria
Pictogram(s)	Nil
Signal Word	Nil
Hazard Statement(s)	Nil
Prevention Statement(s)	Nil
Response Statement(s)	Nil
Storage Statement(s)	Nil
Disposal Statement(s)	Nil

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.	% [weight/volume]	Chemical Ingredient
7791-18-6	98 – 100 %	Magnesium Chloride Hexahydrate

SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

General Advice	Call Poison Centre if you feel that you may have been poisoned, burned or irritated by this product. If ingested, salt level in blood should be determined.
Skin contact	Gently brush away excess solids. Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed. Seek medical attention if irritation occurs and persist.
Eye contact	Quickly and gently brush particles from eyes. No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.
Ingestion	If product is swallowed or gets in mouth, wash mouth thoroughly with plenty of water. If symptoms develop, or if in doubt contact a Poisons Centre or a doctor.
Inhalation	First aid is not generally required. Otherwise move individual to fresh air, keep him/her calm and comfortable. Get medical attention for any breathing difficulties.

SECTION 5 FIREFIGHTING MEASURES

Fire Fighting Procedure	In closed stores, provide fire-fighters with self-contained breathing apparatus in positive pressure mode
Unusual Fire and Explosion Hazards: Non-flammable & non-combustible	When heated to decomposition, may release poisonous and corrosive fumes of HCl.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Accidental release	Minor spills do not normally need any special clean up measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles, and gloves. If there is a significant chance that dusts are likely to build up in clean up area, we recommend that you use a suitable Dust Mask. Stop leak if safe to do so and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage and dispose of promptly. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal.
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SECTION 7 HANDLING AND STORAGE

Keep in tightly closed containers dry and away from water. Keep in dry, well ventilated place away from incompatible materials [see materials to avoid] No special equipment needed regarding transportation.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls – Engineering controls	Ventilation: No special ventilation requirements are normally necessary for this product. However, make sure that the work environment remains clean and that dusts are minimised.
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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to off-white flakes or crystals	Flash Point	Non combustible
Odour	Odourless	Water Solubility	167g/100ml @ 20 °C
Freezing/Melting Point	Melts and loses water of crystallisation at 120 °C		

SECTION 10 STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions
Materials to avoid	Oxidizing agents
Conditions to avoid	Exposure to moisture. Heating above decomposition temperatures
Hazardous decomposition products	When heated to decomposition it emits corrosive hydrochloric acid vapour and hydrogen chloride. When heated beyond 300 °C toxic fumes of chlorine gas are omitted.

SECTION 11 TOXICOLOGICAL INFORMATION

Target Organs	There is no data to hand indicating any particular target organs. No evidence of adverse health effects has been reported from chronic exposure to this product.
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SECTION 12 ECOLOGICAL INFORMATION

This product is unlikely to adversely effect the environment. Salts, acids and bases are typically diluted and neutralised when released to the environment in small quantities.
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SECTION 13 DISPOSAL CONSIDERATION

Disposal Methods	There are many pieces of legislation covering waste disposal and they differ in each state and territory, so each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.
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SECTION 14 TRANSPORT INFORMATION

	ADR/RID	IMDG	IATA/ICAO
UN number	Not regulated	Not regulated	Not regulated
UN proper shipping name	-	-	-
Transport hazard class(es)	-	-	-
Packing group	-	-	-
Environmental hazards	Nil	Nil	Nil
Special precautions for user	Nil	Nil	Nil

SECTION 15 REGULATORY INFORMATION

No additional information available.

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: supplier's SDS.

v01: 21/04/2021 PIL. ObsoleteCW version, update with SA264 information