

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

PRODUCT IDENTIFIER

Product Name	Xanthan Gum, Clear
INCI Name	Xanthan Gum, Water
CAS Number	11138-66-2, 7732-18-5


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	+64 813 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

HSNO Hazard Classification	Skin Irritation, Category 2 6.3A Eye Irritation, Category 2A 6.4A
HSNO Approval Number	HSR002503
Hazard Nature	This product is classified as HAZARDOUS under HSNO criteria
Pictogram(s)	
Signal Word	WARNING
Hazard Statement(s)	Causes skin irritation. Causes serious eye irritation.
Prevention Statement(s)	Keep away from heat/sparks/open flames/hot surfaces – no smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting equipment. Take precautionary measures against static discharges. Avoid breathing dust. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves and eye protection. In case of inadequate ventilation wear respiratory protection.
Response Statement(s)	IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Wash with plenty of water. Take off all contaminated clothing and wash it before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice. Collect spillage.
Storage Statement(s)	Store in a well-ventilated place. Keep container tightly close. Keep cool Store locked up. Protect from sunlight.
Disposal Statement(s)	Dispose of contents/container to an approved waste disposal plant.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.	% w/w	INCI Name
11138-66-2	75 - 99	Xanthan Gum
7732-18-5	1 - 15	Water

SECTION 4 FIRST AID MEASURES

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

Eye contact	Flush immediately with clean water for at least 15 minutes. Ensure irrigation under eyelids. Do not try to remove contact lenses unless trained. Contact a physician immediately.
Skin contact	Remove any contaminated clothing and footwear. Clean before re-use. Wash affected areas thoroughly with soap and water for at least 15 minutes.
Inhalation	Remove from the exposure to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available.
Ingestion	Do not induce vomiting. Wash out mouth with water and give water slowly to dilute (as much as casualty can comfortably drink) provided person is conscious.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing material	Water spray; carbon dioxide; dry chemical; universal-type foam. As allowable for the surrounding materials.
Unusual firefighting hazards	Powdered material may form and explosive dust cloud in air.
Special procedures	Determine the need to evacuate or isolate the area according to your local emergency plan.
Protective equipment	Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.
Combustion products	Oxides of carbon.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions	Use of self-contained breathing apparatus is recommended for any major chemical spill.
Safety precautions	Eliminate ALL ignition sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan.
Environmental precautions	Keep away from drains, surface and ground water. Report spills to appropriate authorities if required.
Methods for Cleaning Up	Contain spill and recover free product. Absorb remainder on vermiculite or other suitable absorbent material. Wipe small spills with cloth. Clean with hot water and detergent.

SECTION 7 HANDLING AND STORAGE

Handling	Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use. No smoking
Storage	Containers should be kept closed in order to minimise contamination. Store in a cool, dry, well-ventilated place protected from light. Keep from extreme heat and away from ALL sources of ignition. Store in stainless steel drums or amber glass containers.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits	There is a blanket recommendation of 10mg/m ³ for inspirable dusts or mists when limits have not otherwise been established.
Respiratory protection	None generally required. Use NIOSH approved respirator in confined areas or if ventilation is inadequate.
Ventilation protection	Ensure adequate ventilation to keep exposure levels to a minimum. Local exhaust meeting ACGIH criteria is required. General exhaust is recommended.
Eye protection	Using goggles or face shield is recommended.
Protective gloves	Using chemical resistance gloves is recommended.
Protective clothing	Using chemical resistance clothing is recommended.
Protective equipment	Ab eyewash fountain and/or safety shower should be available in the work area.

NOTE: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require additional precautions.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Fine powder	Odour	Characteristic
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SECTION 10 STABILITY AND REACTIVITY

Stability	Chemically stable, non-hazardous material. This material presents no significant reactivity hazard.
Conditions to avoid	None established.
Materials to avoid	Strong acids, strong alkalis and oxidizing agents.
Flammability	Combustible solid.
Hazardous polymerization	Will not occur.
Hazardous combustion or decomposition products	Carbon monoxide and unidentified organic compounds may be formed during combustion.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute effects	Swallowed: may be harmful Eye: may be irritating Skin: may be irritating Inhalation: may be harmful			
Chronic effects	None identified.			
Mutagenic effects	None identified.			
Reproductive effects	None identified.			
Carcinogenic effects	None identified.			
Sensitisation	None identified.			
Infectious	N/A			
Acute toxicity	Components	LD50 [oral]	LD50 [dermal]	LD50 [inhalation]
	Xanthan Gum	45,000 mg/kg [rat] 20,000 mg/kg [mouse]	Not available	Not available
	Water	>90,000 mg/kg [rat]	Not available	Not available
	Xanthan Gum, Clear	>72,000 mg/kg [estimated]	Not available	Not available

SECTION 12 ECOLOGICAL INFORMATION

Eco-toxicity	None established. Avoid pollution to soil, rivers and the ocean.
Persistence & degradability	Low persistence level and readily biodegradable.
Mobility	Low mobility in the soil.
Bio-accumulative potential	None established.
Other adverse effects	None established.

SECTION 13 DISPOSAL CONSIDERATION

Waste material	Place material and/or absorbent into sealed containers and dispose of in accordance with current applicable laws and regulations. Refer to local authority advice.
Contaminated packaging	Dispose of in accordance with current applicable laws and regulations. Refer to local authority advice.

NOTE: Empty containers can have residues, gases and mists. Use the proper waste disposal methods and procedures for empties as well.

SECTION 14 TRANSPORT INFORMATION

Transport	Road & Rail	Marine	Air
UN number	Not dangerous goods.	Not dangerous goods.	Not dangerous goods.
UN proper shipping name	Nil	Nil	Nil
Transport hazard class(es)	Nil	Nil	Nil
Packing group	Nil	Nil	Nil
Environmental hazards	Nil	Nil	Nil

SECTION 15 REGULATORY INFORMATION

Safety directions	Avoid contact with eyes. Wear eye protection and protective gloves when mixing or using Wash hands after use. Avoid breathing dust. No smoking. Keep away from heat, sparks and naked flames. Store under cover in a dry, clean, cool, well-ventilated placed away from sunlight. Avoid contact with food.
AICIS	The product's ingredients are either listed on the Australian Inventory or are approved by AICIS on a permit basis or are exempt from registration as natural materials.

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.

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Pure Ingredients Ltd