


MESH

Section 1: Identification

Product name:	MESH
Other names:	450g/litre Synthetic Latex in the form of an emulsifiable concentrate
Recommended use:	Agricultural Adjuvant, Anti-shatter Agent
Manufacturer/Importer details:	AgNova Technologies NZ Ltd PO Box 301488, Albany Auckland 0752 Phone: 0800 500 599
24 hour emergency contact:	0800 CHEMCALL (0800 243 622)
National Poisons Centre:	0800 POISON (0800 764 766)

Section 2: Hazard identification

	Product is classified as hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020 of the HSNO Act, 1996.
HSNO Approval:	Additives, Process Chemicals and Raw Materials (Subsidiary) Group Standard 2020 - HSR002503
Hazardous classification:	Serious eye damage Cat. 1
Pictograms:	
Signal word:	DANGER
Hazard statements:	H318 Causes serious eye damage
Prevention statements:	P102 Keep out of reach of children. P103 Read label before use. P280 Wear protective clothing. Wear eye/face protection, chemical resistant protective gloves.
Response statements:	P101 If medical advice is needed, have product container or label at hand. P305 + P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P310 Immediately call a POISON CENTRE or doctor/physician.
Storage statements:	-
Disposal statement:	P501 Dispose of product and containers in accordance with local Regulations. See Section 13 for details

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Additional Label
Requirements:

Do not allow product to enter waterways, drains, or sewers.

Section 3: Composition/information on ingredients

Chemical identity of
ingredients with health or
environmental hazards:

<i>Ingredient</i>	<i>CAS No.</i>	<i>Proportion %w/w</i>
Synthetic latex	Trade secret	40 - 50
Alcohols, C9-11, ethoxylated (6EO)	68439-46-3	< 10
Other ingredients	-	To balance

Section 4: First-aid measures

First aid measures:	If medical advice is needed, have product container or label at hand. For advice contact National Poisons Centre 0800 POISON [0800 764 766] or a doctor.
Ingestion:	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.
Inhalation:	Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
Skin contact:	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation persists seek medical assistance.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTRE or doctor if irritation persists.
First aid facilities:	Provide eye baths and safety showers close to areas where product contact or splashing may occur.
Advice to doctor:	Treat symptomatically. Most important symptoms and effects, both acute and delayed Symptoms: Ingestion: Not applicable. Inhalation: Not applicable. Skin: Not applicable. Eye: Causes serious eye damage. Irritation and redness, followed by blurred vision. Potential for corneal damage.

Section 5: Fire-fighting measures

Flammability:	Non-flammable.
Appropriate extinguishing media:	If material is involved in a fire by preference use a polyvalent powder extinguisher (ABC powder). Otherwise use water fog (or if

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	unavailable fine water spray), alcohol resistant foam, or carbon dioxide.								
Hazardous decomposition products:	Irritant and toxic gases/fumes may be generated.								
Special protective equipment and precautions for fire-fighters:	In the event of fire, wear self-contained breathing apparatus. Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure being built up due to heat. Prevent run-off from contaminating drains, sewers or waterways. Inform appropriate authorities immediately if product or run-off enters waterways.								
HAZCHEM code:	-								
Section 6: Accidental release measures									
Personal precautions:	Wear protective equipment, chemical resistant coveralls, boots, gloves, eye protection. Do not touch or walk through spilled material. Stop leak when safe to do so. Exclude all bystanders from the vicinity. Avoid inhalation of vapours and contact with eyes or skin.								
Environmental precautions:	Prevent product entering drains or waterways by activating emergency shut-off valves or using bunding. Inform appropriate authorities immediately if spill enters sewers or waterways.								
Procedure for clean up:	Small spill – wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal. Slippery when spilt. Avoid accidents, clean up immediately. Large spill – wear protective equipment to prevent skin and eye contact and avoid the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.								
Section 7: Handling and storage									
Safe handling:	Read label before use. Wear personal protective equipment. Do not eat, drink or smoke while handling or using. To be used only in compliance with HSNO Controls.								
Safe storage:	Keep out of reach of children. Keep container tightly closed when not in use. Check regularly for leaks Keep container standing upright. Store in a well-ventilated area away from foodstuffs, seeds, fertilisers and human/animal health products. Storage must be in accordance with the current version NZS 8409 Management of Agrichemicals.								
Section 8: Exposure controls/personal protection									
Occupational exposure limits:	<table><tr><td>Ingredient</td><td>CAS No.</td><td>WES-TWA</td><td>WES-STEL</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td></tr></table>	Ingredient	CAS No.	WES-TWA	WES-STEL	-	-	-	-
Ingredient	CAS No.	WES-TWA	WES-STEL						
-	-	-	-						

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	No ingredients have exposure limits. None set as of WorkSafe's 14 th edition of WES and BEI values, published November 2023.	
Biological limit value:	Control process conditions to avoid contact. Use only in well-ventilated areas or outdoors.	
Engineering controls:	No specific requirements Natural ventilation should be adequate under normal use conditions	
Respiratory protection:	Avoid inhalation of vapour, mist or aerosols.	
Hand protection:	Elbow length, chemical resistant gloves, e.g. nitrile. Stations	
Eye protection:	Safety glasses with side shield, goggles, or face shield Ensure that eyewash stations and safety showers are close to the workstation location.	
Skin protection:	Overalls and chemical resistant boots/footwear. Disposable overalls recommended	
General hygiene:	Do not eat, drink or smoke while using. Wash hands and exposed skin thoroughly with soap and water before rest breaks, meals and after work. Wash protective clothing daily after work.	
Personal Protection:	Further information on specific types of personal protective gear and related standards is available in Section 16.	
Section 9: Physical and chemical properties		
(a)	Appearance:	Green liquid
(b)	Odour:	Characteristic
(c)	Odour threshold:	Not available
(d)	pH:	7-9
(e)	Melting point/freezing point:	Not available
(f)	Initial boiling point and boiling range:	Not available
(g)	Flash point:	>130 °C
(h)	Flammability (solid, gas):	Not applicable
(i)	Upper/lower flammability or explosive limits:	Not applicable
(j)	Vapour pressure:	Not available
(k)	Vapour density:	Not applicable
(l)	Relative density:	0.99 – 2.03 (200C)
(m)	Solubility:	Dispersible in water
(n)	Partition coefficient: n-octanol/water:	Not available
(o)	Auto-ignition temperature:	Not available
(p)	Decomposition temperature:	Not available
(q)	Kinematic viscosity:	500 – 1100 cps (Brookfield, spindle 3/20 rpm)
(r)	Particle characteristics	Not available

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Section 10: Stability and reactivity

Stability of the substance:	This material is thermally stable when stored and used as directed. No known hazardous reactions.
Conditions to avoid:	Elevated temperatures and sources of ignition.
Incompatible materials:	No known hazardous reactions.
Hazardous decomposition products:	In a fire, fumes/gases of unknown compounds may be emitted. Oxides of carbon, organic compounds.

Section 11: Toxicological information

(a) Acute toxicity:	This product is not classified as acutely toxic by ingestion.
(b) Aspiration hazard:	This product is not classified as acutely toxic by inhalation.
(c) Respiratory irritation:	This product is not classified for aspiration toxicity.
(d) Skin corrosion / irritation:	This product is not classified as acutely toxic by skin contact. This product is not classified as a skin irritant
(e) Serious eye damage / irritation:	Causes serious eye damage.
(f) Respiratory or skin sensitisation:	This product is not classified
(g) Germ cell mutagenicity:	This product is not classified
(h) Carcinogenicity:	This product is not classified
(i) Reproductive toxicity:	This product is not classified
(j) Specific organ toxicity:	This product is not classified for adverse effects to target organs or systems
(k) Narcotic effects:	This product is not classified
(l) Other adverse effects:	Not available.
(m) Toxicological information for product:	Not available.

Section 12: Ecological information

(a) Aquatic ecotoxicity:	This material has not been classified as hazardous.
(b) Soil ecotoxicity:	This material has not been classified as hazardous.
(c) Terrestrial vertebrate ecotoxicity:	This material has not been classified as hazardous.
(d) Terrestrial invertebrate ecotoxicity:	This material has not been classified as hazardous.
(e) Persistence and degradability:	No data available on product
(f) Potential to be bioaccumulative:	No data available on product
(g) Mobility in soil:	No data available on product
(h) Ecotoxicological information for product:	No data available on product

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Section 13: Disposal considerations

Product disposal:	Dispose of this product only by using according to the label or through Agrecovery chemical disposal or similar approved service. Do not allow material to contaminate ground water system or surface water.
Container disposal:	Empty packaging may contain residues. If containers are suitable be triple rinse with water, then recycle through Agrecovery if possible. Otherwise crush and bury in an approved landfill. Do not use packaging for any other purpose. Avoid contamination of any water supply or stream with product or empty container.

Section 14: Transport information

	Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous
UN number:	-
UN proper shipping name:	-
UN class:	-
Packing group:	-
HAZCHEM:	-
Marine pollutant:	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea
Special precautions:	-

Section 15: Regulatory information

HSNO:	Approved substance under the HSNO Act 1996.
Substance approval number:	HSR002503
Tolerable exposure limit / environmental exposure limit:	None set.
HSNO controls:	See www.epa.govt.nz
Additional controls:	<p>Qualifications Not required</p> <p>Tracking: Not required</p> <p>Safety Data Sheet: Any quantity</p> <p>Restricted to workplace only: No</p> <p>Quantity that must be secured when unattended: -</p> <p>Fire extinguishers -</p> <p>Quantity for secondary containment and emergency response plan: 10,000 L</p> <p>Quantity for signage: 1,000 L</p> <p>Quantity for Location certificate -</p> <p>Records of use (3 kg or more applied to area within 24 hours) -</p> <p>Quantity that requires management in accordance with HSW HS Regulations Hazardous Substances (Packaging) Notice 2017; Clause 9 10,000 L</p> <p>-</p>

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Additional information:	Refer to WorkSafe for additional information on controls in the workplace; www.worksafe.govt.nz .
ACVM:	Required to be registered under the Agricultural Compounds Veterinary Medicines Act 1997.
Registration number:	P10245
Conditions of registration:	See www.foodsafety.govt.nz
Section 16: Other information	
Date of issue:	20/1/2025
Reason for reissue:	New SDS
Replaces:	Not applicable
Information references:	Supplier Safety Data Sheet NZ EPA Approved hazardous substances databases. Workplace Exposure Standards and Biological Exposure Indices
Abbreviations:	ACVM: Agricultural Chemicals and Veterinary Medicines Group Bw: Bodyweight. HSNO: Hazardous substances and New Organisms Act 1996 (HSNO Act) EPA: Environmental Protection Authority of New Zealand CAS Number: Chemical Abstracts Service Number LD50: Lethal Dose 50% (Population) LC50: Lethal Concentration 50% (Population) WES-TWA: Workplace exposure standards – Time-weighted average WES-STEL: Workplace exposure standards – Short-term exposure limit
Personal Protection Standards:	The following Standards provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715 , Protective Gloves: AS 2161 , Occupational Protective Clothing: AS/NZS 4501 , Industrial Eye Protection: AS1336 and AS/NZS 1337 , Occupational Protective Footwear: AS/NZS2210

The data provided in this safety data sheet is based on current knowledge and experience. The purpose of this document is to describe the product in terms of its safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.