SECTION 1 : CHEMICAL PRODUCT AND COMPANY INFORMATION

SYNONYMS: Polyalkylene Glycol
PROPER SHIPPING NAME: Polyether Polyol
CAS NUMBER: 9003-11-6
UN NUMBER: Not Regulated
PRODUCT USE: Aid in the control and prevention of bloat in cattle

SUPPLIER: CP Solutions LP, 63b Allens Road, East Tamaki, 2013, Auckland Telephone: +64 9 271 5290

24 H Emergency Contact: **0800 243 622 (24 Hours)**
Website: www.agmax.co.nz
Email: info@agmax.co.nz

SECTION 2 : HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE
New Zealand Hazardous Substances Classification: Not classified as hazardous according to the criteria in the New Zealand Hazardous Substances (Hazard Classification) Notice 2020

Label elements

Hazard statements

Other hazards which do not result in classification
Slipping hazard

SECTION 3 : COMPOSITION

Appearance: Deep Blue Liquid

Ingredient	CAS Number	Proportion
Copolymer of ethylene oxide and propylene oxide	9003-11-6	>80%
Brilliant Blue FCF	3844-45-9	>1%
Water	7732-18-5	>2%

SECTION 4 : FIRST AID MEASURES

If medical advice is needed, have product container or label on hand.

Description of first aid measures

Emergency telephone number
Poisons information centre, New Zealand: 0800 764 766

Eye Contact
Flush eyes thoroughly with water for several minutes. Remove contact lenses after the first1 to 2 minutes and continue flushing for several additional minutes. Get medical attention if irritation persists.

Ingestion
If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by a medical professional.

Symptoms
Aside from information provided in description of first aid measures above and in Section 11 no further information is available.

Note to physician
Treat symptomatically.

SECTION 5 : FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA
Water fog or fine spray, dry chemical or CO2 are suitable.

UNSUITABLE EXTINGUISHING MEDIA
Do not use direct water stream or high pressure jet as this may spread fire.

FIRE FIGHTING
Alert Fire Brigade and tell them location and nature of hazard.
Wear full body protective clothing with breathing apparatus.
Prevent spillage from entering drains or water course.
Cool fire exposed containers with water spray from a protected location.

HAZARDOUS COMBUSTION PRODUCTS
During a fire, smoke may contain the original material in addition to combustion products of varying composition, which may be toxic or irritating. Combustion products may include but are not limited to carbon monoxide and carbon dioxide.

FIRE/EXPLOSION HAZARD
During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating.

ADVICE FOR FIREFIGHTERS
Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

PERSONAL PROTECTIVE EQUIPMENT
Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

MINOR SPILLS
Slippery when spilt.
Contain and clean up all spills immediately.

Contain and absorb spill with sand, earth, inert material or vermiculite.
Wipe up.
Place in a suitable labelled container for waste disposal.

MAJOR SPILLS
Slippery when spilt.
Prevent spillage from entering drains or water courses.
Stop leak if safe to do so.
Contain spill with sand, earth or vermiculite.
Collect recoverable product into labelled containers for recycling.
Absorb remaining product with sand, earth or vermiculite.
Wash area with plenty of water.

SECTION 7 : HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING
Product on surfaces can cause slippery conditions. Product shipped/handled hot can cause thermal burns.

STOAGE CONDITIONS
Keep container tightly closed in an upright position when not in use. Store at temperature between 15 and 35℃.

SHELF LIFE
Use within 24 Months

SECTION 8 : EXPOSURE CONTROLS & PERSONAL PROTECTION

EXPOSURE LIMITS
No value is assigned for this specific material by the New Zealand Workplace Health and Safety Authority.

ENGINEERING CONTROLS
Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. There are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations.

EYE/FACE PROTECTION
Use safety glasses (with side shields).

SKIN PROTECTION
Chemical protective gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.

OTHER PROTECTION
No precautions other than clean body-covering clothing should be needed.

RESPIRATORY PROTECTION
Under intended handling conditions, no respiratory protection should be needed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Viscous clear dark blue liquid and Slight sweet odour
PHYSICAL PROPERTIES
Completely soluble in water.

PROPERTY	VALUE
State:	Liquid
Melting Range (˚C):	<7 Deg C
Boiling Range (˚C):	Decomposes before boiling
Solubility in water (g/L):	Fully Miscible
pH (as supplied):	6.8 – 7.2
Specific Gravity (water=1, 20˚C):	1.056
Flash Point (˚C):	> 180 ˚C ASTM D 93

NOTE: The physical data presented above are typical values and should not be construed as a specification.

SECTION 10 : STABILITY AND REACTIVITY

REACTIVITY

No data available

CHEMICAL STABILITY

Chemically stable at recommended temperatures and pressures.

POLYMERIZATION

Polymerization will not occur.

CONDITIONS TO AVOID

Ignition sources such as Heat, Flames and Sparks

INCOMPATIBLE MATERIALS

Oxidising agents and strong acids

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides

SECTION 11 : TOXOLOGICAL INFORMATION

ACUTE HEALTH EFFECTS
INFORMATION ON LIKELY ROUTES OF EXPOSURE
INGESTION
May cause gastrointestinal discomfort if consumed in large ammounts
EYE
May cause irritation

SKIN
May cause irritation
INHALED
May cause irritation
CHRONIC HEALTH EFFECTS
No data available.
TOXICITY AND IRRITATION DATA
ACUTE TOXICITY
On the basis of principal ingredient
Oral LD50 >4000mg/kg(rat)- no deaths occurred at this concentration
>10000mg/kg(rabbit)

IRRITATION
No data Available
Sensitisation (respiratory/contact)
No data Available
Specific Target Organ Systemic Toxicity (Single Exposure)
No data Available
Specific Target Organ Systemic Toxicity (Repeated Exposure) For similar material(s)
No data Available
Carcinogenic effects
Not expected to be a Carcinogen
Mutagenic effects
Not expected to be mutagenic.
Reproductive or developmental effects
Not expected to cause adverse reproductive effects.
Aspiration hazard
No data Available

SECTION 12 : ECOLOGICAL INFORMATION

ECOTOXIXITY

Acute toxicity to fish
For this family of materials
Practically non toxic to aquatic organisms on an acute basis
(LC50/EC50/EL50/LL50>100mg/l in the most sensitive species tested)

Acute toxicity to aquatic invertebrates:

EC50, Daphniamagna, 48hr,>100mg/l

Persistence and degradability Biodegradability:

Material is readily biodegradable. Passes OECD test(s) for ready biodegradability.

For this family of materials: 10-day Window: Not applicable

Biodegradation: > 60 %

Exposure time: 28 d

Method: OECD Test Guideline 301F or Equivalent

Bioaccumulative potential

Bioaccumulation: No bioconcentration is expected because of the relatively high molecular weight (MW greater than 1000).

Mobility in Soil:

No relevant data found.

Results of PBT and vPvB assessment:

This substance has not been assessed for persistence, bioaccumulation and toxicity (PBT).

Other adverse effects

This substance is not on the Montreal Protocol list of substances that deplete the ozone layer.

SECTION 13 : DISPOSAL CONSIDERATIONS

Recycle wherever possible.
Consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.
Dispose of by: Burial in a licensed land-fill or Incineration in a licensed apparatus (after admixture with suitable combustible material).
Empty contaminated packaging should be taken for local recycling, recovery or waste disposal.

SECTION 14 : TRANSPORT INFORMATION

UN No.	**N/A**
Dangerous Goods Class:	Not Classified as Dangerous Goods under NZS 5433
Packing group:	N/A
Proper Shipping Name:	Agmax Bloatstop
Segregation:	Don't store with D.G class 5, strong oxidizing agents.

SECTION 15 : REGULATORY INFORMATION

New Zealand .Inventory of Chemical substances

There is no requirement to list components of this product typeon the New Zealand Inventory of Chemicals(NZIoC)

Group Standard:	**Licensed Animal remedy**
MPI:	**MPI Approved for use in farm dairies**
HSNO Controls:	
Approve handler test certificate:	*Not required*
Hazardous substance location:	*Not required*
Location Test certificate:	*Not required*

Hazardous Atmosphere Zone:	*Not required*
Emergency Plan:	*Not required*
Tracking:	*Not required*
Warning Signs:	*Not required*

SECTION 16 : OTHER INFORMATION

New Zealand Poisons Information Center 0800 POISON (0800 764 766)

EPA	The Environmental Protection Authority of New Zealand
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
HSHO	Hazardous Substances and New Organisms Act 1996
MPI	Ministry for Primary Industries

DISCLAIMER: *The data given relates to this product alone, and it is not for use in conjunction with other substances or products. In such circumstances, assuming the combination is permitted, refer to product labels, be guided by the most hazardous of the substances involved and observing the more stringent hazard controls applicable.*

The information contained in this safety data sheet was obtained from current and reliable sources. This data is supplied without warranty, expressed or implied, regarding its correctness and accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.

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