



SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Trade name OKO LifeLong
Product no. LFLG.02OK

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture Wheel Rim and Tyre Life Extender
Uses advised against None known.

Details of the supplier of the safety data sheet

Company and address **OKO NZ LTD**
4 Tawai Street, Ohope, Bay of Plenty
3121
New Zealand
Tel: 0800 (OKONZL) 656 695
www.okonewzealand.co.nz
E-mail justin@okotyresealant.nz 18/06/2025
SDS date 3.0
SDS Version 28/04/2025 (2.0)
Date of previous version

Emergency telephone number

National Poisons Centre: 0800 764 766 (24 hour service)
See also section 4 "First aid measures"

SECTION 2: Hazards identification

Classified according to the Hazardous Substances (Hazard Classification) Notice.

Classification of the substance or mixture

Repr. 2; H361, Suspected of damaging fertility or the unborn child.

Label elements

Hazard pictogram(s)



Signal word Warning
Hazard statement(s) Suspected of damaging fertility or the unborn child. (H361)
Precautionary statement(s)
General -
Prevention -
Response -
Storage -
Disposal -
Hazardous substances Does not contain any substances required to report
Additional labelling Not applicable.

SECTION 3: Composition/information on ingredients

Substances



Not applicable. This product is a mixture.

Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Sodium 2-ethylhexanoate	CAS No.: 19766-89-3 EC No.: 243-283-8	<1%	Repr. 2, H361	
bronopol (INN);2-bromo-2-nitropropane-1,3-diol	CAS No.: 52-51-7 EC No.: 200-143-0	<0.1%	Acute Tox. 3, H301 (ATE: 193.00 mg/kg) Acute Tox. 3, H311 Skin Irrit. 2, H315 Eye Dam. 1, H318 Acute Tox. 3, H331 STOT SE 3, H335 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: First aid measures

Description of first aid measures

General information	In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.
Inhalation	Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.
Skin contact	Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners. If skin irritation occurs: Get medical advice/attention.
Eye contact	If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.
Ingestion	If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.
Burns	Not applicable.

Most important symptoms and effects, both acute and delayed

None known.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures



Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the National Poisons Centre: 0800 764 766 (24 hour service) in order to obtain further advice.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Contaminated areas may be slippery.

Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

Precautions for safe handling

Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material Keep only in original packaging.

Storage conditions Protect from sunlight.
Dry, cool and well ventilated
Keep container tightly closed

Incompatible materials Strong acids

Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

Control parameters

No substances are included in the latest edition of the Workplace Exposure Standards and Biological Exposure Indices.

Exposure controls

Apply general control to prevent unnecessary exposure

General recommendations Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios	There are no exposure scenarios implemented for this product.
Exposure limits	Occupational exposure limits have not been defined for the substances in this product.
Appropriate technical measures	Apply standard precautions during use of the product. Avoid inhalation of vapours.
Hygiene measures	In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.
Measures to avoid environmental exposure	Keep damming materials near the workplace. If possible, collect spillage during work.


Individual protection measures, such as personal protective equipment

Generally Use only protective equipment that have been approved by IANZ or NATA, or a laboratory accredited under a recognised Mutual Recognition Arrangement.


▼ Respiratory Equipment
No specific requirements.

Skin protection
No specific requirements.

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Gloves	-	-	EN374	

Eye protection

Type	Standards	
Safety glasses	EN166	

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Form	Liquid
Colour	Green
Odour	Characteristic
Odour threshold (ppm)	No data available.
pH	7 - 8
Density (g/cm ³)	No data available
Relative density	No data available
Kinematic viscosity	No data available

Phase changes

Melting point/Freezing point (°C)	-20 to -40
Softening point/range (°C)	Does not apply to liquids.
Boiling point (°C)	No data available
Vapour pressure	No data available
Relative vapour density	No data available
Decomposition temperature (°C)	No data available
Evaporation rate (n-	No data available



butylacetate = 100)

Data on fire and explosion hazards

Flash point (°C)	Not applicable
Flammability (°C)	The material is not combustible.
Auto-ignition temperature (°C)	No data available
Explosion limits (% v/v)	Not applicable

Solubility

Solubility in water	Sparingly soluble
n-octanol/water coefficient (LogKow)	No data available
Solubility in fat (g/L)	No data available.

Other information

Evaporation rate (n-butylacetate = 100)	No data available
Other physical and chemical parameters	Specific Gravity: 1.07 - 1.09
Oxidizing properties	No data available

SECTION 10: Stability and reactivity

Reactivity

No data available.

Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

Possibility of hazardous reactions

None known.

Conditions to avoid

Extremes of temperature
Dirt
Storage in the open is not recommended.

Incompatible materials

Strong acids

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Product/substance	bronopol (INN);2-bromo-2-nitropropane-1,3-diol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	193-211 mg/kg

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.



Respiratory sensitisation

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Suspected of damaging fertility or the unborn child.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Long term effects

None known.

SECTION 12: Ecological information

Toxicity

Based on available data, the classification criteria are not met.

Persistence and degradability

Based on available data, the classification criteria are not met.

Bioaccumulative potential

Based on available data, the classification criteria are not met.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

Other adverse effects

None known.

SECTION 13: Disposal considerations

Waste treatment methods

Product is not covered by regulations on dangerous waste.

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information



Conforms to the Hazardous Substances (Safety Data Sheets) Notice 2017

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of Marpol and the IBC Code

No data available. The product is not classified as hazard goods for transportation under Australian and New Zealand regulations.

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application	No special.
Demands for specific education	No specific requirements.
Control of major hazard facilities	Not applicable.
Additional information	Not applicable.
New Zealand Inventory of Chemicals (NZIoC)	bronopol (INN);2-bromo-2-nitropropane-1,3-diol is listed
Sources	Hazardous Substances (Hazard Classification) Notice 2020 Hazardous Substances and New Organisms Act 1996

Chemical safety assessment

No

Complies with all NZTA regulations

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H301, Toxic if swallowed.
H311, Toxic in contact with skin.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H331, Toxic if inhaled.
H335, May cause respiratory irritation.
H361, Suspected of damaging fertility or the unborn child.
H400, Very toxic to aquatic life.
H411, Toxic to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

AS/NZS = Australian New Zealand Standard
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
EINECS = European Inventory of Existing Commercial chemical Substances



GHS = Globally Harmonized System of Classification and Labelling of Chemicals
Hazchem = Hazardous chemicals
HSNO = Hazardous Substances and New Organisms Act
IANZ = International Accreditation New Zealand
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NATA = National Association of Testing Authorities
NZIoC = New Zealand Inventory of Chemicals
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
SCL = A specific concentration limit
STEL = Short-term exposure limits
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by the Hazardous Substances (Hazard Classification) Notice.

The safety data sheet is validated by

Justin

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: NZ-en