

This safety data sheet was created pursuant to the requirements of: GHS: The Globally Harmonized System of Classification and Labeling of Chemicals

AQUALINE CEMENT PRIMER CLEAR

Revision Number 1.01

Revision date 06-Mar-2022 Supersedes Date: 08-May-2018

Section 1: Identification

Product identifier

Product Name

AQUALINE CEMENT PRIMER CLEAR

Other means of identification

Recommended use of the chemical and restrictions on use

Recommended use Solvent mixture Primers

Details of the supplier of the safety data sheet

Uses advised against

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Supplier Bostik New Zealand Limited 19 Eastern Hutt Road Wingate, Lower Hutt, New Zealand Tel: 04-567 5119 Fax: 04-567 5412 Manufacturer Bostik New Zealand Limited 19 Eastern Hutt Road Wingate, Lower Hutt, New Zealand Tel: 04-567 5119 Fax: 04-567 5412

No information available

SDS.AP@Bostik.com

E-mail address

Emergency telephone number

Emergency Telephone

24 Hr: 0800 243 622 International +64 4 917 9888 Poison Centre : 0800 764 766

Section 2: Hazard identification

GHS Classification

Flammable liquids	Category 2 (HSNO - 3.1B)
Serious eye damage/eye irritation	Category 2 (HSNO - 6.4A)
Specific target organ toxicity (single exposure)	Category 3 (HSNO - 6.9B)

Label elements



Signal word Danger

Hazard statements

H225 - Highly flammable liquid and vapor H319 - Causes serious eye irritation H336 - May cause drowsiness or dizziness

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Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area Ground and bond container and receiving equipment Use non-sparking tools Take action to prevent static discharges Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking Keep container tightly closed Wear protective gloves/protective clothing/eye protection/face protection Keep cool Use explosion-proof electrical/ ventilating/ lighting/ equipment Precautionary Statements - Response

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Call a POISON CENTER or doctor if you feel unwell

Fire

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards which do not result in classification

In use, may form flammable/explosive vapor-air mixture.

Section 3: Composition/information on ingredients

Chemical name	CAS No	Weight-%
Methyl ethyl ketone	78-93-3	40 - <80
Acetone	67-64-1	40 - <80
Non-hazardous ingredients	Proprietary	Balance

Section 4: First-aid measures

Description of first aid measures

General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air. IF exposed or concerned: Get medical advice/attention.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious
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	person. Call a physician.		
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing.		
Most important symptoms and eff	ects, both acute and delayed		
Symptoms	May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.		
Indication of any immediate medic	al attention and special treatment needed		
Note to physicians	Treat symptomatically.		
Section 5: Fire-fighting mea	sures		
Suitable Extinguishing Media			
Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.		
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.		
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.		
Specific hazards arising from the	Specific hazards arising from the chemical		
Specific hazards arising from the chemical	Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.		
Hazardous combustion products	Carbon oxides.		
Special protective actions for fire-	fighters		
Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.		
Section 6: Accidental releas	e measures		
Personal precautions, protective e	equipment and emergency procedures		
Personal precautions			
·	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.		

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and material for containment and cleaning up

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Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.	
Methods for cleaning up	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.	
Precautions to prevent secondary hazards		

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7: Handling and storage

Precautions for safe handling

Advice on safe handling	Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. In case of insufficient ventilation, wear suitable respiratory equipment.
General hygiene considerations	Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.
Conditions for safe storage, includ	ling any incompatibilities
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Protect from moisture.
Recommended storage temperature	Keep at temperatures between $$ 41 and 77 °F / 5 and 25 °C.
Incompatible materials	None known based on information supplied.

Section 8: Exposure controls/personal protection

Control parameters

Exposure Limits

Chemical name	New Zealand	ACGIH TLV	United Kingdom	Australia
Methyl ethyl ketone	TWA: 150 ppm	STEL: 300 ppm	TWA: 200 ppm	150 ppm TWA
78-93-3	TWA: 445 mg/m ³	TWA: 200 ppm	TWA: 600 mg/m ³	445 mg/m³ TWA
	STEL: 300 ppm		STEL: 300 ppm	300 ppm STEL
	STEL: 890 mg/m ³		STEL: 899 mg/m ³	890 mg/m ³ STEL
	_		Sk*	-
Acetone	TWA: 500 ppm	STEL: 500 ppm	TWA: 500 ppm	500 ppm TWA
67-64-1	TWA: 1185 mg/m ³	TWA: 250 ppm	TWA: 1210 mg/m ³	1185 mg/m ³ TWA

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STEL: 1000 ppm	STEL: 1500 ppm	1000 ppm STEL
STEL: 2375 mg/m ³	STEL: 3620 mg/m ³	2375 mg/m ³ STEL

Biological occupational exposure limits

Chemical name	New Zealand	ACGIH
Methyl ethyl ketone 78-93-3	2 mg/L - urine (MEK) - end of shift	2 mg/L - urine (MEK) - end of shift
Acetone 67-64-1	50 mg/L - urine (Acetone) - end of shift	25 mg/L - urine (Acetone) - end of shift

Appropriate engineering controls

Engineering controls	Showers Eyewash stations Ventilation systems.
Individual protection measures, su	ich as personal protective equipment
Eye/face protection	Tight sealing safety goggles.
Hand protection	Wear suitable gloves. Impervious gloves.
Skin and body protection	Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Environmental exposure controls	No information available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state Appearance Color Odor Odor threshold	Liquid Solid Paste Liquid Clear, colorless Solvent. No information available	
Property	Values	Remarks • Method
pH Melting point / freezing point	No data available No data available	Not applicable Insoluble in water None known
Initial boiling point and boiling	56 °C	
range		
Flash point	-17 °C	
Evaporation rate	No data available	None known
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	9.7	
Lower flammability or explosive	1.5	
limits	No data available	None known
Vapor pressure	No data available	None known
Relative vapor density	No data available	None known
Relative density Water solubility	No data available Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	550 °C	

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Decomposition temperature Kinematic viscosity Dynamic viscosity Explosive properties Oxidizing properties	No data available None kr No data available None kr No information available. No information available.		
Other information Softening Point Molecular weight VOC Content (%) Density Bulk density Particle characteristics	No information available No information available 99.75217 0.8 No information available		
Section 10: Stability and read	ctivity		
Reactivity			
Reactivity	No information available.		
Chemical stability			
Stability	Stable under normal conditions.		
Explosion data			
Sensitivity to mechanical impact	None.		
Sensitivity to static discharge	Yes.		
Possibility of hazardous reactions			
Possibility of hazardous reactions	None under normal processing.		
Conditions to avoid			
Conditions to avoid	Heat, flames and sparks. Protect from	n moisture.	
Incompatible materials			

Incompatible materials None known based on information supplied.

Hazardous decomposition products

Hazardous decomposition None known based on information supplied. products

Section 11: Toxicological information

Acute toxicity

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness or dizziness.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
Skin contact	Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation. Page 6 / 11

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Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Symptoms	May cause redness and tearing of the eyes. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Acute toxicity

Numerical measures of toxicity

No information available

The following values are calculated based on chapter 3.1 of the GHS document

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl ethyl ketone	=2483 mg/kg (Rattus)	= 5000 mg/kg (Oryctolagus	=11700 ppm (Rattus) 4 h
		cuniculus)	
Acetone	=5800 mg/kg (Rattus)	>15800 mg/Kg (Rattus)	=79 mg/l(Rattus) 4 h
	3000 mg/Kg (mouse)		

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

May cause skin irritation.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Component Information

Methyl ethyl ketone (78-93-3)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405:	Rabbit	eye			irritant
Acute Eye					
Irritation/Corrosion					

Respiratory or skin sensitization Based on available data, the classification criteria are not met.

Method	Species	Exposure route	Results
OECD Test No. 406: Skin	Guinea pig	Dermal	No sensitization responses
Sensitization			were observed
Acetone (67-64-1)			
Germ cell mutagenicity	Based on available	data, the classification criteria ar	e not met.
Carcinogenicity	No information ava	ilable.	
Reproductive toxicity	Based on available	data, the classification criteria ar	e not met.
STOT - single exposure		ess or dizziness. May cause resp lable for ingredients.	piratory irritation. Classification
		able for ingredients.	
Respiratory irritation	No information ava	ilable.	
Narcotic effects	Narcotic effects.		

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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.

Section 12: Ecological information

Ecotoxicity

Ecotoxicity

Aquatic ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Crustacea
Methyl ethyl ketone	EC50=1972 mg/l	LC50: 3130 - 3320mg/L (96h,	EC50 48 h > 308 mg/L (Daphnia
, , , , , , , , , , , , , , , , , , ,	(Pseudokirchneriella subcapitata)	Pimephales promelas)	magna)
Acetone	-	LC50 96 h 4.74 - 6.33 mL/L	EC50 48 h 10294 - 17704 mg/L
		(Oncorhynchus mykiss)	(Daphnia magna Static)

Terrestrial ecotoxicty

Chemical name	Earthworm	Avian	Honeybees
Acetone	Acute Toxicity: LC50 200 -	Dietary Toxicity: LC50 >	-
	1000 µg/cm2 (Eisenia	40000 ppm (Phasianus	
	foetida, 48 h filter paper)	colchicus, 5 Days)	
		Dietary Toxicity: LC50 >	
		40000 ppm (Coturnix coturnix	
		japonica, 5 Days)	

Persistence and degradability

No information available.

Methyl ethyl ketone (78-93-3)

Method	Exposure time	Value	Results
OECD Test No. 301D: Ready	28 days	biodegradation	98 % Readily biodegradable
Biodegradability: Closed Bottle Test			
(TG 301 D)			

Acetone (67-64-1)

Method	Exposure time	Value	Results
OECD Test No. 301B: Ready	28 days	biodegradation	91 % Readily biodegradable
Biodegradability: CO2 Evolution			
Test (TG 301 B)			

Bioaccumulative potential

Bioaccumulation

There is no data for this product.

Component Information

Chemical name	Partition coefficient	
Methyl ethyl ketone	0.3	
Acetone	-0.24	

Mobility in soil

Other adverse effects

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No information available.

Section 13: Disposal considerations

Disposal methods

Waste from residues/unused products	Dispose of product in packaging in a way that is consistent with the EPA Consolidation 30 April 2021 of the Hazardous Substances (Disposal) Notice 2017 and the Act. Treat the substance using a method that changes the characteristics or composition of the substance so that the substance is no longer a hazardous substance; or export the substance from New Zealand as waste. Flammable substances - may not be disposed of into or onto a landfill or sewage facility. They may only be burnt in certain situations. Flammable gases, liquids and solids may only be discharged into the environment or landfill as waste if the substance will not at any time come into contact with any explosives, oxidising gases, liquids or solids or organic peroxides; and there will be no ignition source in the vicinity of the disposal site at any time and if the substance were to insafe level of heat radiation. Substances which are hazardous to human health or corrosive to metals – may be discharged into the environment if a tolerable exposure limit has been set for the substance (or a component of that substance); and the discharge does not, after reasonable mixing, result in the concentration of the substance in an environmental medium exceeding the tolerable exposure limit. If there is no tolerable exposure limit for the substance, then it may only be discharged into the environment if a tolerable exposure limit for the substance is very rapidly converted to substances that are not hazardous substances.
Contaminated packaging	For packages that have been in direct contact with hazardous substances, the person must ensure that the package is rendered incapable of containing any substance. It must be disposed of in a manner that is consistent with the requirements for disposal of the substance that it contained, taking into account the material the package is manufactured from. Packages may only be reused or recycled if: - the substance has a physical hazard other than corrosive to metal, and has been treated to remove any residual contents of the hazardous substance; - or for substances that have a health or environmental hazard, or corrosive to metal, the contents of the residue in the package are below the threshold for the substance to be classified as hazardous in the Hazardous Substances (Hazard Classification) Notice 2020.

Section 14: Transport information

IATA UN number or ID number UN proper shipping name Transport hazard class(es) Packing group Special Provisions Description	UN1993 Flammable liquid, n.o.s. 3 II A3 UN1993, Flammable liquid, n.o.s. (Methyl ethyl ketone, Acetone), 3, II
IMDG UN number or ID number UN proper shipping name Transport hazard class(es) Packing group EmS-No Special Provisions Marine pollutant Description	UN1993 Flammable liquid, n.o.s. 3 II F-E, S-E 274 NP UN1993, Flammable liquid, n.o.s. (Methyl ethyl ketone, Acetone), 3, II, (-17°C c.c.)

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available

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ADR	
UN number or ID number	UN1993
Proper Shipping Name	Flammable liquid, n.o.s. (Methyl ethyl ketone, Acetone)
Transport hazard class(es)	3
Labels	3
Packing group	I
Description	UN1993, Flammable liquid, n.o.s. (Methyl ethyl ketone, Acetone), 3, II, (D/E)
Limited quantity (LQ)	1 L
Special Provisions	274, 601, 640C
Classification code	F1
Tunnel restriction code	(D/E)

Section 15: Regulatory information

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

New Zealand

ERMA Group

HSR002662

Chemical name	New Zealand HSNO Chemical Classification	
Methyl ethyl ketone - 78-93-3	- 3.1B,6.1E (All),6.1E (O),6.3B,6.4A,6.9B (All),6.9B (I) (HSR001190) >50% in a non hazardous diluent - 3.1B,6.1E (All),6.1E (O),6.3B,6.4A,6.9B (All),6.9B (I) (HSR007378)	
Acetone - 67-64-1	- 3.1B,6.1E (All),6.1E (O),6.3B,6.4A (HSR001070) >60% in a non hazardous diluent - 3.1B,6.1E (All),6.1E (O),6.3B,6.4A (HSR006434) >10-60% in a non hazardous diluent - 3.1B,6.3B,6.4A (HSR006435)	

National regulations

There are no applicable tolerable exposure limits or environmental exposure limits according to the EPA Controls for Hazardous Substances

Certified handlers, tracking and controlled substance license requirements Certified handlers are required for some substances. This includes substances requiring a controlled substance license, and most explosives, vertebrates toxic agents, and certain fumigants. Acutely toxic substances which are a Category 1 or 2, such as pesticides also require Certified handlers. Please check the Health and Safety at Work Act 2015 for further information Tracking is required for some highly hazardous substances. These substances need to be under the control of an appropriately trained person or appropriately secured. Please check the Health and Safety at Work Act 2015 for further information Controlled substance licenses are required to possess certain explosives, vertebrate toxic agents and fumigants. See Part 7 of the Health and Safety at Work Regulation 2017 for more information

EPA New Zealand HSNO approval code or group standard

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

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Section 16: O	ther information			
Key or legend to	06-Mar-2022 ted data since last publication. abbreviations and acronyms used in 3: EXPOSURE CONTROLS/PERSONAL TWA (time-weighted average) Maximum limit value Carcinogen		t STEL (Short Term Exposure Limit) Skin designation	
Key literature references and sources for data used to compile the SDS EPA (Environmental Protection Agency) International Uniform Chemical Information Database (IUCLID) Japan GHS Classification Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS) NIOSH (National Institute for Occupational Safety and Health) National Toxicology Program (NTP) New Zealand's Chemical Classification and Information Database (CCID) World Health Organization				

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet