

SAFETY DATA SHEET

XL-08 accelerator

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Compilation date: 02/07/2015

Revision date: 09/01/2023

Revision No: 3

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

1.1. Product identifier

Product name: XL-08 accelerator

Product code: RM426

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

1.3. Details of the supplier of the safety data sheet

Company name: Bromoco International Ltd

Tanya House

Unit 1 I-Worx

Wootton, Beds

MK43 9SP

United Kingdom

Tel: +44 (0)800 634 9711

Fax: +44 (0)800 634 9711

Email: sales@bromocointernational.com

1.4. Emergency telephone number

Emergency tel: +44 (0)800 634 9711

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Irrit. 2: H315; STOT SE 3: H335; Acute Tox. 4: H302+H332; Eye Dam. 1: H318

Most important adverse effects: Causes serious eye damage. Harmful if swallowed or if inhaled Causes skin irritation.
May cause respiratory irritation.

2.2. Label elements

Label elements:

Hazard statements: H318: Causes serious eye damage.

H302+H332: Harmful if swallowed or if inhaled

H315: Causes skin irritation.

H335: May cause respiratory irritation.

Hazard pictograms: GHS05: Corrosion

GHS07: Exclamation mark



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Signal words: Danger

Precautionary statements: P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P261: Avoid breathing vapour/spray.
P302+P352: IF ON SKIN: Wash with plenty of water.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P405: Store locked up.
P501: Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Haz. ingredients (label): HYDROGEN PEROXIDE SOLUTION...10%

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

HYDROGEN PEROXIDE SOLUTION

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-765-0	7722-84-1	-	Ox. Liq. 1: H271; Acute Tox. 4: H332; Acute Tox. 4: H302; Skin Corr. 1A: H314	10-30%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Get medical attention immediately.

Eye contact: Bathe the eye with running water for 15 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention immediately. Continue to rinse.

Ingestion: Wash out mouth with water. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs Do not induce vomiting. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact. Causes skin irritation.

Eye contact: Causes serious eye damage.

[cont...]

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Ingestion: Harmful if swallowed.

Inhalation: Harmful by inhalation. May cause irritation to respiratory system.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Treat symptomatically.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers. Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Containers can burst violently or explode when heated, due to excessive pressure build-up. Keep away from combustible materials.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Avoid skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Spillages or uncontrolled discharges into watercourses must be immediately alerted to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Avoid skin and eye contact. Avoid open flames and sources of ignition. Static electricity and the formation of sparks must be prevented.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Keep away from oxidising materials, heat and flames

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	1ppm 1.4mg/m3	2ppm 2.8mg/m3	-	-

Hazardous ingredients:

HYDROGEN PEROXIDE SOLUTION...100%

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1.4 mg/m3	2.8 mg/m3	-	-

DNEL/PNEC Values

HYDROGEN PEROXIDE SOLUTION

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	3 mg/m3	Workers	Local
DNEL	Inhalation	1.93 mg/m3	Consumers	Local
PNEC	Fresh water	0.0126 mg/l	-	-
PNEC	Marine water	0.0126 mg/l	-	-
PNEC	STP	4.66 mg/l	-	-
PNEC	Intermittent release	0.0138 mg/l	-	-
PNEC	Sediment (Freshwater)	0.047 mg/l	-	-
PNEC	Sediment (Marinewater)	0.047 mg/l	-	-
PNEC	Soil	0.0023 mg/kg	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required. In case of insufficient ventilation, wear suitable respiratory equipment. Combination filter, type A2/P2. EN 136/140/141/145/143/149

Hand protection: The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material For exposure up to 8 hours, wear gloves made of the following material: Butyl rubber. (0.7 mm) Rubber (natural,

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latex). (1.00 mm) Nitrile rubber. (0.33 mm) To protect hands from chemicals, gloves should comply with European Standard EN374.

Eye protection: manufactured/ tested in accordance with EN 166 Safety glasses with side-shields.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Pungent

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Soluble

Viscosity: 1.17 mPas @ 20C

Boiling point/range°C: 108 (35%) @760mmHg

Melting point/range°C: -33

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: No data available.

Part.coeff. n-octanol/water: log Pow: -1.57

Autoflammability°C: No data available.

Vapour pressure: 1 hPa @ 30C

Relative density: 1.1 - 1.2

pH: concentrated: 2.0

VOC g/l: No data available.

9.2. Other information

Other information: Molecular weight: 34

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: May detonate when in mixing with organic substances and under certain conditions contact with metals and its salts may result in catalyzed decomposition 7. Heavy metals and their salts Copper. Chromium. Nickel. Lead. Iron. Dusty powder. Kerosene

10.4. Conditions to avoid

Conditions to avoid: Avoid heat, flames and other sources of ignition Light.

10.5. Incompatible materials

Materials to avoid: Keep away from combustible materials Strong oxidising agents. Strong acids. Strong bases. Strong reducing agents. Metals Metal oxides.

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10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes. Oxygen.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

HYDROGEN PEROXIDE SOLUTION...100%

ORL	MUS	LD50	2	gm/kg
ORL	RAT	LD50	376	mg/kg
SKN	RAT	LD50	4060	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact. Causes skin irritation.

Eye contact: Causes serious eye damage.

Ingestion: Harmful if swallowed.

Inhalation: Harmful by inhalation. May cause irritation to respiratory system.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Rapidly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential. Partition coefficient log Pow: -1.57

12.4. Mobility in soil

Mobility: Soluble in water. Henry's law constant: 0.00075 Pa m³/mol @ 20°C

Surface tension: 75.7 mN/m @ 20°C

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

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12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Do not puncture or incinerate, even when empty. This material and its container must be disposed of as hazardous waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN2014

14.2. UN proper shipping name

Shipping name: XL-08 , AQUEOUS SOLUTION

14.3. Transport hazard class(es)

Transport class: 5.1 (8)

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 2

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

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Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H271: May cause fire or explosion; strong oxidiser.

H302: Harmful if swallowed.

H302+H332: Harmful if swallowed or if inhaled

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.