

# Bauder Activator – Primer (Canister)

## safety data sheet as per 1907/2006 (REACH), Annex II

Revision date: May 2022      Supersedes : 18.04.2018

### COMPANY UNDERTAKING

Bauder Limited	W: <a href="http://bauder.co.uk">bauder.co.uk</a>
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Ipswich	E: <a href="mailto:info@bauder.co.uk">info@bauder.co.uk</a>
Suffolk	
IP3 0DH England	

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

#### 1.1. Product identifier

Product name	Bauder Activator–Primer (Canister)
Product number	GB60300120

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

Identified uses	Adhesive.
Uses advised against	Use only for intended applications.

#### 1.3. Details of the supplier of the safety data sheet

Supplier	Bauder Ltd
	70 Landseer Road
	Ipswich
	Suffolk
	IP3 0DH
	Tel: +44 (0) 1473 257671

#### 1.4. Emergency telephone number

NPIS (National Poisons Information Service): 0344 892 0111 (for medical professionals only).  
For medical advice, members of the public should contact NHS 111

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture Classification

##### (SI 2019 No. 720)

Physical hazards	Aerosol 3 - H229 Press. Gas (Comp.) - H280
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 3 - H336
Environmental hazards	Not Classified
Human health	Heating may generate vapours which irritate the respiratory system.
Physicochemical	Aerosol containers can explode when heated, due to excessive pressure build-up.

**2.2. Label elements**

**Hazard pictograms**



Signal word



Warning



**Hazard statements**

H229 Pressurised container: may burst if heated.  
 H280 Contains gas under pressure; may explode if heated.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H351 Suspected of causing cancer.  
 H336 May cause drowsiness or dizziness.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P251 Do not pierce or burn, even after use.  
 P271 Use only outdoors or in a well-ventilated area.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P211 Do not spray on an open flame or other ignition source.  
 P260 Do not breathe spray.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
 P501 Dispose of contents/ container in accordance with national regulations.

**Contains**

Dichloromethane

**Supplementary precautionary statements**

P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P264 Wash contaminated skin thoroughly after handling.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P308+P313 IF exposed or concerned: Get medical advice/ attention.  
 P312 Call a POISON CENTRE/doctor if you feel unwell.  
 P321 Specific treatment (see medical advice on this label).  
 P332+P313 If skin irritation occurs: Get medical advice/ attention.  
 P337+P313 If eye irritation persists: Get medical advice/ attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.

**2.3. Other hazards**

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

<b>Dichloromethane</b>	<b>30-60%</b>
CAS number: 75-09-2	EC number: 200-838-9
<b>Classification</b>	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Carc. 2 - H351	
STOT SE 3 - H336	

<b>CARBON DIOXIDE</b>	<b>10-30%</b>
CAS number: 124-38-9	EC number: 204-696-9
<b>Classification</b> Press. Gas (Liq.) - H280	

<b>trans-1,3,3,3-Tetrafluoroprop-1-ene</b>	<b>10-30%</b>
CAS number: 29118-24-9	
<b>Classification</b>	
Press. Gas (Comp.) - H280	

The full text for all hazard statements is displayed in Section 16.

#### **SECTION 4: First aid measures**

##### **4.1. Description of first aid measures**

<b>General information</b>	Remove affected person from source of contamination.
<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Get medical attention immediately.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Irritation of nose, throat and airway. Coughing, chest tightness, feeling of chest pressure.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	Vapour, spray or dust may cause chronic eye irritation or eye damage.

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

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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#### **SECTION 5: Firefighting measures**

##### **5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide, dry powder or water fog.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

##### **5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	Containers can burst violently or explode when heated, due to excessive pressure build-up.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

##### **5.3. Advice for firefighters**

<b>Protective actions during firefighting</b>	Containers close to fire should be removed or cooled with water. Do not allow water to contact any leaked material.
<b>Special protective equipment for firefighters</b>	Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

**6.2 Environmental precautions**

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

**6.3 Methods and material for containment and cleaning up**

**Methods for cleaning up** Absorb spillage with non-combustible, absorbent material. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses.

**6.4 Reference to other sections**

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Usage precautions** Avoid inhalation of vapours and spray/mists. Avoid contact with skin and eyes. Do not use in confined spaces without adequate ventilation and/or respirator. Spraying is permitted only in closed systems, spray cabinets or spray boxes with adequate ventilation.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage precautions** Store in tightly-closed, original container. Store at temperatures between 5°C and 25°C.

**Storage class** Chemical storage.

**7.3. Specific end use(s)**

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

**SECTION 8: Exposure controls/Personal protection**

**8.1. Control parameters**

**Occupational exposure limits**

**Dichloromethane**

Long-term exposure limit (8-hour TWA): WEL 100 ppm 350 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 300 ppm 1060 mg/m<sup>3</sup>

Sk

**CARBON DIOXIDE**

Long-term exposure limit (8-hour TWA): WEL 5000 ppm 9150 mg/m<sup>3</sup> vapour

Short-term exposure limit (15-minute): WEL 15000 ppm 27400 mg/m<sup>3</sup> vapour

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

**Ingredient comments** WEL = Workplace Exposure Limits

**Dichloromethane (CAS: 75-09-2)**

**Ingredient comments** WEL = Workplace Exposure Limits

**DNEL** Consumer - Dermal; Short term systemic effects: 353 mg/m<sup>3</sup>  
Workers - Dermal; Short term systemic effects: 706 mg/m<sup>3</sup>

<b>PNEC</b>	<ul style="list-style-type: none"> <li>- Fresh water; 0.54 mg/l</li> <li>- Sediment (Freshwater); 4.47 mg/kg</li> <li>- Intermittent release; 0.27 mg/l</li> <li>- Sediment (Marinewater); 1.61 mg/kg</li> <li>- marine water; 0.194 mg/l</li> <li>- STP; 26 mg/l</li> <li>- Soil; 0.583 mg/kg</li> </ul>
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## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist. This product is not to be used under conditions of poor ventilation.

### Eye/face protection

Wear chemical splash goggles.

### Hand protection

It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber.

### Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination. Wear apron or protective clothing in case of contact.

### Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level. Wash hands after handling. When using do not eat, drink or smoke.

### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. In confined or poorly-ventilated spaces, a supplied-air respirator must be worn. Wear a respirator fitted with the following cartridge: Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Particulate filter, type P3. Gas filter, type AX.

### Environmental exposure controls

Keep container tightly sealed when not in use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Aerosol.
<b>Colour</b>	Various colours.
<b>Odour</b>	Chlorinated hydrocarbons.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Initial boiling point and range</b>	Estimated value. 40°C
<b>Flash point</b>	Not applicable.
<b>Evaporation factor</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.

<b>Upper/lower flammability or explosive limits</b>	Not available.
<b>Other flammability</b>	Not available.
<b>Relative density</b>	0.84 @ 20°C
<b>Bulk density</b>	Not available.
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	>600°C
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Kinematic viscosity > 20.5 mm <sup>2</sup> /s.
<b>Explosive properties</b>	Not available.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Not available.
<b>Comments</b>	Information given is applicable to the product as supplied.

#### **9.2. Other information**

<b>Other information</b>	No information required.
<b>Refractive index</b>	Not available.
<b>Particle size</b>	Not available.
<b>Molecular weight</b>	Not available.
<b>Volatility</b>	Not available.
<b>Saturation concentration</b>	Not available.
<b>Critical temperature</b>	Not available.

### **SECTION 10: Stability and reactivity**

#### **10.1. Reactivity**

**Reactivity** The product will harden into a solid mass in contact with water and moisture.

#### **10.2. Chemical stability**

**Stability** Stable at normal ambient temperatures and when used as recommended.

#### **10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** Not applicable. May polymerise.

#### **10.4. Conditions to avoid**

**Conditions to avoid** Avoid contact with water. Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

#### **10.5. Incompatible materials**

**Materials to avoid** Strong acids. Strong alkalis.

#### **10.6. Hazardous decomposition products**

**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances: Oxides of nitrogen. Oxides of carbon.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity - oral**

**ATE oral (mg/kg)** 4,830.92

**Skin corrosion/irritation**

**Animal data** Irritating.

**Serious eye damage/irritation**

**Serious eye damage/irritation** Moderately irritating.

**Carcinogenicity**

**Carcinogenicity** Suspected carcinogen based on limited evidence.

**Target organ for carcinogenicity**

No specific target organs known.

**Reproductive toxicity**

**Reproductive toxicity - development**

This substance has no evidence of toxicity to reproduction.

**Specific target organ toxicity - repeated exposure**

**STOT - repeated exposure** Morphological changes that are potentially reversible but provide clear evidence of marked organ dysfunction.

**Aspiration hazard**

**Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.

**Inhalation**

Irritating.

**Ingestion**

May cause stomach pain or vomiting.

**Skin contact**

Irritating to skin.

**Eye contact**

Irritation of eyes and mucous membranes.

**Acute and chronic health hazards**

May cause respiratory system irritation.

**Route of exposure**

Inhalation Skin and/or eye contact

**Medical symptoms**

Irritation of eyes and mucous membranes. Coughing, chest tightness, feeling of chest pressure.

**Medical considerations**

Chronic respiratory and obstructive airway diseases.

**Toxicological information on ingredients.**

**Dichloromethane**

**Toxicological effects**

The toxicity of this substance has been assessed during REACH registration.

**Acute toxicity - oral**

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 2,000.0

<b>Species</b>	Rat
<b>ATE oral (mg/kg)</b>	2,000.0
<b><u>Acute toxicity - dermal</u></b>	
<b>Acute toxicity dermal (LD<sub>50</sub> mg/kg)</b>	2,000.0
<b>Species</b>	Rat
<b><u>Acute toxicity - inhalation</u></b>	
<b>Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)</b>	86.0
<b>Species</b>	Rat
<b>ATE inhalation (vapours mg/l)</b>	86.0
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	Irritating to skin. REACH dossier information.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Causes eye irritation.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	Not sensitising.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Positive.
<b>Genotoxicity - in vivo</b>	Negative.
<b><u>Carcinogenicity</u></b>	
<b>IARC carcinogenicity</b>	IARC Group 2B Possibly carcinogenic to humans.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	No evidence of reproductive toxicity in animal studies.
<b>Reproductive toxicity - development</b>	No evidence of reproductive toxicity in animal studies.

**ZINC DIBENZYLDTIHOICARBAMATE**

<b><u>Acute toxicity - oral</u></b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	16,000.0
<b>Species</b>	Rabbit
<b>ATE oral (mg/kg)</b>	16,000.0
<b>Inhalation</b>	Coughing, chest tightness, feeling of chest pressure.

<b>Ingestion</b>	Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
<b>Skin contact</b>	Causes mild skin irritation.
<b>Eye contact</b>	Irritating and may cause redness and pain.

## **SECTION 12: Ecological information**

**Ecotoxicity** The product is not expected to be hazardous to the environment.

### **12.1. Toxicity**

#### **Acute aquatic toxicity**

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: > 1000 mg/l, Freshwater fish

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: >500 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: ~ 1640 mg/l, Scenedesmus subspicatus

#### **Ecological information on ingredients.**

#### **Dichloromethane**

##### **Acute aquatic toxicity**

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow)  
LC<sub>50</sub>, 48 hours: 97 mg/l, Fundulus heteroclitus

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 27 mg/l, Daphnia magna  
LC<sub>50</sub>, 48 hours: 109 mg/l, Palaemonetes pugio

**Acute toxicity - aquatic plants** NOEC, 192 hours: 550 mg/l, Microcystis aeruginosa - Algae, blue, cyanobacteria

**Acute toxicity - microorganisms** EC<sub>50</sub>, 0.67 hours: 2590 mg/l, Bacteria

##### **Chronic aquatic toxicity**

**Chronic toxicity - fish early life stage** NOEC, 28 days: 83 mg/l, Pimephales promelas (Fat-head Minnow)

#### **ZINC DIBENZYLDITHIOCARBAMATE**

##### **Acute aquatic toxicity**

**LE(C)<sub>50</sub>** 0.1 < L(E)C<sub>50</sub> ≤ 1

**M factor (Acute)** 1

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 10 mg/l, Brachydanio rerio (Zebra Fish)

##### **Chronic aquatic toxicity**

**M factor (Chronic)** 1

### **12.2. Persistence and degradability**

**Persistence and degradability** The product is not readily biodegradable.

**Stability (hydrolysis)** Reacts with water.

**Biological oxygen demand** < 10 g O<sub>2</sub>/g substance

### **12.3. Bioaccumulative potential**

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

**Partition coefficient** Not available.

Ecological information on ingredients.

Dichloromethane

**Bioaccumulative potential** The product is not bioaccumulating.

**Partition coefficient** Not available.

12.4. Mobility in soil

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

Ecological information on ingredients.

Dichloromethane

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

ZINC DIBENZYLDITHIOCARBAMATE

**Mobility** Insoluble in water.

12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

Dichloromethane

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

ZINC DIBENZYLDITHIOCARBAMATE

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current UK criteria.

12.6. Other adverse effects

Ecological information on ingredients.

Dichloromethane

**Other adverse effects** Not applicable.

**SECTION 13: Disposal considerations**

13.1. Waste treatment methods

**General information** Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**SECTION 14: Transport information**

**14.1. UN number**

UN No. (ADR/RID) 3500  
UN No. (IMDG) 3500  
UN No. (ICAO) 3500  
UN No. (ADN) 3500

**14.2. UN proper shipping name**

Proper shipping name (ADR/RID) CHEMICAL UNDER PRESSURE, N.O.S. (DICHLOROMETHANE)

Proper shipping name (IMDG) CHEMICAL UNDER PRESSURE, N.O.S.

Proper shipping name (ICAO) CHEMICAL UNDER PRESSURE, N.O.S.

Proper shipping name (ADN) CHEMICAL UNDER PRESSURE, N.O.S.

**14.3. Transport hazard class(es)**

ADR/RID class 2.2  
ADR/RID classification code 8A  
ADR/RID label 2.2  
IMDG class 2.2  
ICAO class/division 2.2  
ADN class 2.2

Transport labels



**14.4. Packing group**

**14.5. Environmental hazards**

Environmentally hazardous substance/marine pollutant No.

**14.6. Special precautions for user**

EmS F-C, S-V  
ADR transport category 3  
Hazard Identification Number (ADR/RID) 20  
Tunnel restriction code (C/E)

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

**SECTION 15: Regulatory information**

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

National regulations Control of Pollution Act 1974.

**Authorisations (SI 2020 No. 1577 Annex XIV)** This product is/contains a substance that is included in The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (as amended) Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles. Entry number: 59

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**SECTION 16: Other information**

<b>Issued by</b>	Compliance
<b>Revision date</b>	25/05/2022
<b>Revision</b>	3
<b>Supersedes date</b>	26/05/2021
<b>SDS number</b>	21134
<b>Hazard statements in full</b>	H229 Pressurised container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H302 Harmful if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer.
<b>Store Between</b>	Store Between 5°C-25°C

Bauder reserves the right to amend information and product specifications without prior notice. All reasonable care has been taken to ensure that all data is current at the time of print, however because Bauder pursues a policy of constant development we recommend ensuring that your copy of this information is current by contacting our Technical Department at [technical@bauder.co.uk](mailto:technical@bauder.co.uk)

Recommendations for use should be verified as to the suitability and compliance with actual requirements, specifications, installation techniques and any applicable laws and regulations.