

# SAFETY DATA SHEET

## Kolor-Bond (UK) Limited - Activator 200/400ml Aerosol

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

**Product name** Kolor-Bond (UK) Limited - Activator 200/400ml Aerosol  
**Product No.** 1814, 1919

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

**Identified uses** Activator.

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

**Supplier** Kolor-Bond (UK) Limited  
Lower Clutton Hill  
Clutton  
Bristol  
BS39 5PJ  
Tel. +44 (0) 1761 451 098  
(Hours 09:00 - 16:30 Mon to Frid)  
Fax. +44 (0) 1761 451 099  
admin@kolor-bond.co.uk

#### 1.4. Emergency telephone number

+44 (0) 1761 451 098 (Hours 09:00 - 16:30 Mon to Fri)

### SECTION 2: HAZARDS IDENTIFICATION

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

##### Classification (EC 1272/2008)

Physical and Chemical Hazards	Flam. Aerosol 1 - H222
Human health	Not classified.
Environment	Not classified.

##### Classification (1999/45/EEC)

F+;R12.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

##### Human health

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.

##### Environment

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

##### Physical and Chemical Hazards

Pressurised container: Must not be exposed to temperatures above 50°C. The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures.

#### 2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



##### Signal Word

Danger

##### Hazard Statements

H222 Extremely flammable aerosol.

##### Precautionary Statements

P102 Keep out of reach of children.  
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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P260 Do not breathe vapour/spray.  
 P262 Do not get in eyes, on skin, or on clothing.  
 P271 Use only outdoors or in a well-ventilated area.

## Supplemental label information

A1 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.  
 A2 Do not spray on a naked flame or any incandescent material.

## 2.3. Other hazards

This product does not contain any PBT or vPvB substances.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

<b>N,N-DIMETHYL-PARA-TOLUIDINE</b>		<b>&lt; 1%</b>
<b>CAS-No.: 99-97-8</b>	<b>EC No.: 202-805-4</b>	
Classification (EC 1272/2008) Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT RE 2 - H373 Aquatic Chronic 3 - H412	Classification (67/548/EEC) T;R23/24/25 R33 R52/53	
<b>PETROLEUM GASES, LIQUEFIELD</b>		<b>60-100%</b>
<b>CAS-No.: 68476-85-7</b>	<b>EC No.: 270-704-2</b>	
Classification (EC 1272/2008) Flam. Gas 1 - H220 Press. Gas, Compressed - H280	Classification (67/548/EEC) F+;R12.	
<b>PROPAN-2-OL</b>		<b>10-30%</b>
<b>CAS-No.: 67-63-0</b>	<b>EC No.: 200-661-7</b>	<b>Registration Number: 01-2119457558-XX</b>
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R67	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information

Move the exposed person to fresh air at once.

#### Inhalation

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

#### Ingestion

Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention.

#### Skin contact

Wash skin with soap and water. Get medical attention if any discomfort continues.

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## Eye contact

Immediately rinse with water. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention promptly if symptoms occur after washing.

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

### General information

No data available

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

No data available

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

Water spray, foam, dry powder or carbon dioxide.

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

#### Unusual Fire & Explosion Hazards

Extremely flammable. Forms explosive mixtures with air. May explode in a fire. Vapours are heavier than air and may spread near ground to sources of ignition.

#### Specific hazards

Pressurised container: Must not be exposed to temperatures above 50°C.

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

Use water spray to reduce vapours. Aerosol cans may explode in a fire. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

### 6.2. Environmental precautions

Avoid discharge into drains.

### 6.3. Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Provide ventilation and confine spill. Do not allow runoff to sewer.

### 6.4. Reference to other sections

See sections: 7, 8, 11, 12 and 13

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Avoid inhalation of vapours and spray mists. Do not spray on a naked flame or any incandescent material. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

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

Extremely flammable. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

### 7.3. Specific end use(s)

No data available

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

# Kolor-Bond (UK) Limited - Activator 200/400ml Aerosol

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PETROLEUM GASES, LIQUEFIELD	WEL	1000 ppm	1750 mg/m <sup>3</sup>	1250 ppm	2180 mg/m <sup>3</sup>	
PROPAN-2-OL	WEL	400 ppm	999 mg/m <sup>3</sup>	500 ppm	1250 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

## PROPAN-2-OL (CAS: 67-63-0)

### **DNEL**

Consumer	Oral	Long Term	Systemic Effects	26 mg/kg/day
Consumer	Dermal	Long Term	Systemic Effects	319 mg/kg/day
Industry	Dermal	Long Term	Systemic Effects	888 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	89 mg/m <sup>3</sup>
Industry	Inhalation.	Long Term	Systemic Effects	500 mg/m <sup>3</sup>

### **PNEC**

Freshwater	140.9	mg/l
Sediment (Freshwater)	552	mg/kg
Intermittent release	140.9	mg/l
Sediment (Marinewater)	552	mg/kg
Marinewater	140.9	mg/l
STP	2251	mg/l
Soil	28	mg/kg

## **8.2. Exposure controls**

### **Respiratory equipment**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. In case of inadequate ventilation use suitable respirator.

### **Hand protection**

For prolonged or repeated skin contact use suitable protective gloves.

### **Eye protection**

Wear approved chemical safety goggles where eye exposure is reasonably probable.

### **Hygiene measures**

When using do not eat, drink or smoke. Wash promptly if skin becomes wet or contaminated.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

<b>Appearance</b>	Aerosol.
<b>Colour</b>	Clear
<b>Odour</b>	of solvents
<b>Solubility</b>	Insoluble in water
<b>Initial boiling point and boiling range (°C)</b>	-41 (-41 TO 215)
<b>Melting point (°C)</b>	Not available
<b>Relative density</b>	0.58
<b>Vapour density (air=1)</b>	Not available
<b>Vapour pressure</b>	Not available
<b>Evaporation rate</b>	Not available
<b>pH-Value, Conc. Solution</b>	Not available
<b>Viscosity</b>	Not available
<b>Decomposition temperature (°C)</b>	Not available
<b>Odour Threshold, Lower</b>	Not available
<b>Odour Threshold, Upper</b>	Not available
<b>Flash point (°C)</b>	-40
<b>Auto Ignition Temperature (°C)</b>	425
<b>Flammability Limit - Lower(%)</b>	1.2
<b>Flammability Limit - Upper(%)</b>	12
<b>Partition Coefficient (N-Octanol/Water)</b>	Not available
<b>Oxidising properties</b>	Not available

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## 9.2. Other information

Not known.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

Highly volatile.

### 10.3. Possibility of hazardous reactions

Not available.

### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

#### **Materials To Avoid**

No data available

### 10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### **Skin contact**

Skin irritation is not anticipated when used normally.

#### **Eye contact**

Spray and vapour in the eyes may cause irritation and smarting.

#### **Health Warnings**

In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Arrhythmia, (deviation from normal heart beat).

#### **Route of entry**

Inhalation.

#### **Target Organs**

Central nervous system Respiratory system, lungs

#### **Medical Symptoms**

Narcotic effect. Vapours may cause drowsiness and dizziness.

#### Toxicological information on ingredients.

#### PROPAN-2-OL (CAS: 67-63-0)

##### Acute toxicity:

##### **Acute Toxicity (Oral LD50)**

5840 mg/kg Rat

##### **Acute Toxicity (Dermal LD50)**

16.4 mg/kg Rabbit

##### **Acute Toxicity (Inhalation LC50)**

> 10000 ppmV (gas) Rat

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N,N-DIMETHYL-PARA-TOLUIDINE (CAS: 99-97-8)

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

1650 mg/kg Rat

**Acute Toxicity (Inhalation LC50)**

1.4 mg/l (vapours) Rat 4 hours

PETROLEUM GASES, LIQUEFIELD (CAS: 68476-85-7)

**Acute toxicity:**

**Acute Toxicity (Inhalation LC50)**

> 20 mg/l (vapours) Rat 4 hours

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity**

The product is not expected to be toxic to aquatic organisms.

### 12.1. Toxicity

**Ecological information on ingredients.**

PROPAN-2-OL (CAS: 67-63-0)

**Acute Toxicity - Fish**

LC50 96 hours 9640 mg/l Pimephales promelas (Fat-head Minnow)

**Acute Toxicity - Aquatic Invertebrates**

EC50 > 100 mg/l Daphnia magna

**Acute Toxicity - Aquatic Plants**

EC50 72 hours > 1000 mg/l Scenedesmus subspicatus

**Acute Toxicity - Microorganisms**

EC50 > 1000 mg/l Activated sludge

N,N-DIMETHYL-PARA-TOLUIDINE (CAS: 99-97-8)

96 hours 46-52 mg/l Pimephales promelas (Fat-head Minnow)

### 12.2. Persistence and degradability

**Degradability**

No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential**

No data available on bioaccumulation.

**Partition coefficient**

Not available

### 12.4. Mobility in soil

**Mobility:**

No data available

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Other adverse effects

Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Make sure containers are empty before discarding (explosion risk). Do not puncture or incinerate even when empty. Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

# Kolor-Bond (UK) Limited - Activator 200/400ml Aerosol

## 14.1. UN number

UN No. (ADR/RID/ADN)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

## 14.2. UN proper shipping name

Proper Shipping Name	AEROSOLS
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## 14.3. Transport hazard class(es)

ADR/RID/ADN Class	2
ADR/RID/ADN Class	Class 2: Gases
ADR Label No.	2.1
IMDG Class	2.1
ICAO Class/Division	2.1
ICAO Subsidiary risk	2.1
Transport Labels	



## 14.4. Packing group

ADR/RID/ADN Packing group	N/A
ICAO Packing group	N/A

## 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant  
No.

## 14.6. Special precautions for user

EMS	F-D, S-U
Tunnel Restriction Code	(D)

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

## SECTION 15: REGULATORY INFORMATION

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

#### Uk Regulatory References

Health and Safety at Work Act 1974. Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

#### Statutory Instruments

Control of Substances Hazardous to Health.

#### Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### EU Legislation

Dangerous Preparations Directive 1999/45/EC.

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## 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

### SECTION 16: OTHER INFORMATION

**Revision Date** 23/04/2023

**Revision** 8

**Supersedes date** 06/07/2014

#### Risk Phrases In Full

R33 Danger of cumulative effects.  
 R12 Extremely flammable.  
 R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R11 Highly flammable  
 R36 Irritating to eyes.  
 R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.  
 R67 Vapours may cause drowsiness and dizziness.

#### Hazard Statements In Full

H319 Causes serious eye irritation.  
 H280 Contains gas under pressure; may explode if heated.  
 H222 Extremely flammable aerosol.  
 H220 Extremely flammable gas.  
 H412 Harmful to aquatic life with long lasting effects.  
 H225 Highly flammable liquid and vapour.  
 H373 May cause damage to organs <<Organs>> through prolonged or repeated exposure.  
 H336 May cause drowsiness or dizziness.  
 H331 Toxic if inhaled.  
 H301 Toxic if swallowed.  
 H311 Toxic in contact with skin.

#### Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.