

# SAFETY DATA SHEET

## BG045 CLEANER POLISH

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

#### 1.1. Product identifier

Product name                    BG045 CLEANER POLISH  
 Product number                A5328  
 Internal identification         A5328/01

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

Identified uses                 Polish.

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

Supplier                         JANGRO LTD  
                                       JANGRO HOUSE  
                                       WORSLEY ROAD  
                                       FARNWORTH  
                                       BOLTON  
                                       BL4 9LU  
                                       0845 458 5223  
                                       enquiries@jangrohq.net

#### 1.4. Emergency telephone number

Emergency telephone         +44 (0) 777 8505 330

### SECTION 2: Hazards identification

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

##### Classification

**Physical hazards**  
 Aerosol 1 - H222, H229

**Health hazards**  
 Not Classified

**Environmental hazards**  
 Aquatic Chronic 3 - H412

##### Classification (67/548/EEC or 1999/45/EC)

F+;R12. R52/53,R67.

#### 2.2. Label elements

##### Pictogram



Signal word                    Danger

Hazard statements  
                                       H222 Extremely flammable aerosol.  
                                       H229 Pressurised container: may burst if heated  
                                       H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

**BG045 CLEANER POLISH**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P251 Do not pierce or burn, even after use.
- P273 Avoid release to the environment.
- 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.
- P260 Do not breathe vapour/spray.
- P271 Use only outdoors or in a well-ventilated area.

**Contains**

HYDROCARBON PROPELLANT

**Detergent labelling**

≥ 30% aliphatic hydrocarbons, < 5% non-ionic surfactants, < 5% perfumes, Contains LINALOOL

**2.3. Other hazards**

This product does not contain any substances classified as PBT or vPvB.

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

**3.2. Mixtures**

<b>Hydrocarbons, C9-C12, n-alkanes,cyclics,aromatics (2-25%)</b>	<b>10-30%</b>
CAS number: — EC number: 919-446-0 REACH registration number: 01-2119458049-33-0000	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	Xn;R65. N;R51/53. R10,R66,R67.
STOT SE 3 - H336	
Asp. Tox. 1 - H304	
STOT SE 3 - H336	
Aquatic Chronic 2 - H411	
<b>HYDROCARBON PROPELLANT</b>	<b>10-30%</b>
CAS number: 68476-85-7 EC number: 270-704-2	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Gas 1 - H220	F+;R12.
Press. Gas, Liquefied - H280	
<b>SODIUM NITRITE</b>	<b>&lt;1%</b>
CAS number: 7632-00-0 EC number: 231-555-9 REACH registration number: 01-2119471836-27-xxxx	
M factor (Acute) = 1	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Ox. Sol. 3 - H272	O;R8 T;R25 N;R50
Acute Tox. 3 - H301	
Eye Irrit. 2 - H319	
Aquatic Acute 1 - H400	
<b>ALCOHOL ETHOXYLATE</b>	<b>&lt;1%</b>
CAS number: 68920-66-1 EC number: 500-236-9	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Skin Irrit. 2 - H315	
Aquatic Chronic 2 - H411	

## BG045 CLEANER POLISH

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

##### Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

##### Ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.

##### Skin contact

Wash skin thoroughly with soap and water.

##### Eye contact

Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

##### Inhalation

Vapours may cause drowsiness and dizziness.

##### Ingestion

May cause discomfort if swallowed.

##### Skin contact

Repeated exposure may cause skin dryness or cracking.

##### Eye contact

May cause discomfort.

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

##### Notes for the doctor

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Extinguish with foam, carbon dioxide or dry powder.

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

##### Specific hazards

Extremely flammable aerosol. Pressurised container: may burst if heated

##### Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### 5.3. Advice for firefighters

##### Protective actions during firefighting

Use water to keep fire exposed containers cool and disperse vapours.

### SECTION 6: Accidental release measures

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

##### Personal precautions

Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. Wear protective gloves, eye and face protection. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Wash thoroughly after dealing with a spillage.

#### 6.2. Environmental precautions

##### Environmental precautions

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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**

Eliminate all sources of ignition. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Provide adequate ventilation. Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.

### **6.4. Reference to other sections**

#### **Reference to other sections**

For personal protection, see Section 8.

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## **SECTION 7: Handling and storage**

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### **7.1. Precautions for safe handling**

#### **Usage precautions**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid inhalation of vapours/spray and contact with skin and eyes. Do not pierce or burn, even after use. Do not expose to temperatures exceeding 50°C/122°F. Wear protective gloves. Wash hands thoroughly after handling.

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

#### **Storage precautions**

Store at temperatures between 4°C and 40°C. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### **Storage class**

Flammable compressed gas storage.

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

#### **Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

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## **SECTION 8: Exposure Controls/personal protection**

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### **8.1. Control parameters**

#### **Occupational exposure limits**

#### **Hydrocarbons, C9-C12, n-alkanes, cyclics, aromatics (2-25%)**

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

#### **HYDROCARBON PROPELLANT**

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

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### Hydrocarbons, C9-C12, n-alkanes,cyclics,aromatics (2-25%)

DNEL	Industry - Inhalation; Short term : 570 mg/m3
	Industry - Inhalation; Long term : 1980 mg/m3
	Consumer - Inhalation; Short term : 570 mg/m3
	Consumer - Dermal; Long term : 1040 mg/kg/day
	Consumer - Inhalation; Long term : 710 mg/m3
	Consumer - Oral; Long term : 1040 mg/kg/day

### SODIUM NITRITE (CAS: 7632-00-0)

DNEL	Industry - Inhalation; Short term systemic effects: 2 mg/m3
	Industry - Inhalation; Long term systemic effects: 2 mg/m3
PNEC	- Fresh water; .0054 mg/l
	- Sediment (Freshwater); .0195 mg/kg
	- Intermittent release; .0054 mg/l
	- Sediment (Marinewater); .0223 mg/kg
	- Marine water; .00616 mg/l
	- STP; 21 mg/l
	- Soil; .000733 mg/kg

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Tight-fitting safety glasses.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC).

### Hygiene measures

Wash hands thoroughly after handling.

## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Aerosol.

#### Odour

Pleasant, agreeable.

#### Solubility(ies)

Miscible with water.

### 9.2. Other information

#### Other information

Not determined.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

## BG045 CLEANER POLISH

### 10.2. Chemical stability

#### **Stability**

Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

Not determined.

### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

#### **Materials to avoid**

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

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## **SECTION 11: Toxicological information**

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### 11.1. Information on toxicological effects

#### Acute toxicity - oral

##### **ATE oral (mg/kg)**

111,455.10835913

#### **Inhalation**

Vapours may cause drowsiness and dizziness.

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

Repeated exposure may cause skin dryness or cracking.

#### **Eye contact**

May cause discomfort.

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### Toxicological information on ingredients.

#### Hydrocarbons, C9-C12, n-alkanes,cyclics,aromatics (2-25%)

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg)

15,000.0

Species

Rat

ATE oral (mg/kg)

15,000.0

##### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg)

3400.0

Species

Rat

ATE dermal (mg/kg)

3400.0

##### Carcinogenicity

NOAEL >300 mg/kg, Oral, Rat

##### Specific target organ toxicity - repeated exposure

STOT - repeated exposure

NOAEL 1056 mg/kg, Oral, Rat

Target organs

Central nervous system

##### Aspiration hazard

May be fatal if swallowed and enters airways.

#### HYDROCARBON PROPELLANT

##### Toxicological effects

No information available.

##### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)

20.01

Species

Rat

ATE inhalation (vapours mg/l)

20.01

##### Reproductive toxicity

Reproductive toxicity - development

No information available.

#### SODIUM NITRITE

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg)

180.0

Species

Rat

ATE oral (mg/kg)

180.0

**BG045 CLEANER POLISH****SECTION 12: Ecological Information****Ecotoxicity**

Harmful to aquatic life with long lasting effects.

**12.1. Toxicity****Acute toxicity - fish**

Not determined.

**Ecological information on ingredients.****Hydrocarbons, C9-C12, n-alkanes,cyclics,aromatics (2-25%)****Acute toxicity - fish**

LC<sub>50</sub>, 96 hours: <30 mg/l, Onchorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates**

EC<sub>50</sub>, 48 hours: <22 mg/l, Daphnia magna

**Acute toxicity - aquatic plants**

IC<sub>50</sub>, 72 hours: 4.6-10 mg/l, Algae

**Acute toxicity - microorganisms**

EC<sub>50</sub>, 48 hours: 43.98 mg/l,

**Chronic toxicity - aquatic invertebrates**

NOEC, 21 days: 0.097 mg/l, Daphnia magna

**HYDROCARBON PROPELLANT****Acute toxicity - fish**

Not determined.

**SODIUM NITRITE****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>, 48 hours: 360 mg/l, Leuciscus idus (Golden orfe) LC<sub>50</sub>, 96 hours: 0.54-26.3 mg/l, Onchorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates**

NOEC, : 9.86 mg/l, Daphnia magna EC<sub>50</sub>, 48 hours: 15.4 mg/l, Daphnia magna

**Chronic toxicity - aquatic invertebrates**

NOEC, : 9.86 mg/l, Daphnia magna

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

The product is expected to be biodegradable.

**12.3. Bioaccumulative potential**

The product is not bioaccumulating.

**12.4. Mobility in soil****Mobility**

The product is partly miscible with water and may spread in the aquatic environment.

**12.5. Results of PBT and vPvB assessment**

This product does not contain any substances classified as PBT or vPvB.



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### 12.6. Other adverse effects

Not determined.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### 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)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS
Proper shipping name (ADN)	AEROSOLS

### 14.3. Transport hazard class(es)

ADR/RID class	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1

#### Transport labels



### 14.4. Packing group

ADR/RID packing group	5F
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### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Tunnel restriction code	(D)
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### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## SECTION 15: Regulatory information

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

#### National regulations

Control of Substances Hazardous to Health Regulations 2002 (as amended).

## BG045 CLEANER POLISH

### EU legislation

Commission Regulation (EU) No 453/2010 of 20 May 2010. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### Guidance

Workplace Exposure Limits EH40.

### 15.2. Chemical safety assessment

#### SECTION 16: Other information

#### Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

**Revision date** 20/05/2015

**Revision** 3.0

**Supersedes date** 28/02/2012

#### Risk phrases in full

- R10 Flammable.
- R12 Extremely flammable.
- R25 Toxic if swallowed.
- R50 Very toxic to aquatic organisms.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.
- R8 Contact with combustible material may cause fire.

#### Hazard statements in full

- H220 Extremely flammable gas.
- H222 Extremely flammable aerosol.
- H226 Flammable liquid and vapour.
- H229 Pressurised container: may burst if heated
- H272 May intensify fire; oxidiser.
- H280 Contains gas under pressure; may explode if heated.
- H301 Toxic if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

#### 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.