

# MATERIAL SAFETY DATA SHEET (MSDS)

## BBC1 AEROSOL BRAKE CLEANER

BBC1

<b>Proper Shipping Name</b>	Aerosols	<b>Hazard Class</b>	2.2
<b>Recommended use</b>	Brake and Part Cleaner	<b>Packing Group</b>	n/a
<b>Company</b>	Xcell Products NZ	<b>UN No</b>	1950
<b>Address</b>	71 Adams drive, Auckland. New Zealand	<b>Hazchem Code</b>	2(Y)E
		<b>Subsidiary Risk</b>	n/a
<b>Telephone</b>	+64 9 238 2389 [8.00 - 4.30 Mon to Fri]	<b>Poisons Schedule</b>	n/a
<b>Fax</b>	+64 9 238 2399		

**Emergency Telephone** +64 21 930 795 (24 hours emergency only)  
**National Poison Centre (24 hours): 0800 POISON (764 766)**

<b>Hazardous Ingredients</b>	<b>Content*</b>	<b>CAS No</b>
Petroleum Distillates	High	8032-32-4
Isopropanol	Low	67-63-0
Carbon Dioxide	Low	124-38-9
Non Hazardous	Up to 100%	

\*Content: High >60%, Medium 10 to 60%, Low 1 to 10%, Very Low <1%

### Physical and chemical properties

<b>Appearance</b>	Aerosol	<b>Solubility</b>	Alcohol, White Spirits
<b>Physical State</b>	Liquid	<b>% Volatiles</b>	No data
<b>Odour</b>	Solvent Odour	<b>Vapour Pressure</b>	No data
<b>Specific Gravity</b>	0.76	<b>Vapour Density</b>	Heavier than air
<b>pH</b>	n/a	<b>Flash Point</b>	~0°C
<b>Boiling Point</b>	65 - 120°C	<b>Flammable Limits</b>	No data

# Hazard identification

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation.

## DANGER:

- Flammable
- Risk of explosion if heated under confinement
- Inhalation can result in respiratory irritation, headache, nausea, fatigue, drowsiness, impaired coordination, central nervous system depression or heart arrhythmia
- May cause moderate to serious eye irritation
- Repeated exposure may cause skin irritation
- Prolonged or repeated exposure to solvents causes damage to organs
- Toxic to aquatic life with long lasting effects

## PREVENTION:

- Read label before use
- Keep away from heat/sparks/open flames/hot surfaces. No smoking
- Keep container tightly closed
- Ground/bond container and receiving equipment
- Use explosion-proof electrical /ventilating/lighting equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge
- Keep out of reach of children
- Wash hands thoroughly after handling.
- Do not breathe fume/vapours
- Do not eat, drink or smoke when using this product
- Avoid release to the environment
- Wear protective gloves and eye/face protection

# First-aid measures

<b>Eyes:</b>	Rinse cautiously with warm gently running water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing for 15 minutes. If eye irritation persists: Get medical advice/attention.
<b>Skin:</b>	Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before reuse. If irritation occurs seek medical advice.
<b>Ingestion:</b>	Immediately rinse mouth with water. If more than 15 minutes from a hospital induce vomiting using fingers in the throat or Ipecac Syrup APF. Seek medical assistance.
<b>Inhalation:</b>	Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Seek immediate medical advice/attention if you feel unwell.

**FOR FURTHER INFORMATION CONTACT (24 hours)  
THE NATIONAL POISON CENTRE: 0800 POISON [764 766]**

# Fire-fighting measures

<b>Flash Point:</b>	~0°C
<b>Auto ignition temperature:</b>	Not available
<b>Flammable limits in Air % by Volume:</b>	Not available
<b>Extinguishing media:</b>	FOAM, CO2, DRY CHEMICAL, WATER FOG

**Fire fighting instructions:**

Pressurised aerosols should not be exposed to temperatures exceeding 50°C. Above this, containers may explode and the resultant flammable mixture will burn to produce CO<sub>2</sub>. Use water to cool undamaged stock only. Avoid contamination of the water where courses where damaged stock is leaking.

Water spray may be ineffective. Water may be used to cool containers to prevent pressure build up and explosion when exposed to extreme heat. If water is used, fog nozzles preferred. Wear goggles and self contained breathing apparatus.

Positive pressure breathing apparatus should be used.

**Unusual fire and explosion hazards:**

Closed containers may explode from internal pressure build up when exposed to extreme heat and discharge contents. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention.

## Accidental release measures

Steps to be taken in case material is released or spilled:

Avoid breathing vapors. Ventilate area. Remove all sources of ignition. Clean up area with absorbent material and place in closed containers for disposal

Waste disposal method:

Dispose of in accordance with local, state, and federal regulations. Before attempting clean up, refer to other sections of this msds for hazard caution information.

## Handling and storage

Precautions to be taken in handling and storing:

Store and use in cool, dry, well ventilated areas. Do not store above 50°C. Do not puncture or incinerate (burn) cans. Do not stick pin, nail or any other sharp object into opening on top of can. Do not spray in eyes. Do not take internally. See product label for additional information.

## Exposure controls and personal protection

**Engineering Controls:**

Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. Self- contained breathing apparatus is required for vapor concentrations above pel/tlv limits.

**Eye / Face Protection:**

None under normal use; however, use of safety glasses with splash guards or full face shield is recommended.

**Body Protection:**

Use of solvent resistant aprons or other clothing is recommended.

**Respiratory Protection:**

None under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. Self- contained breathing apparatus is required for vapor concentrations above pel/tlv limits.

**Exposure Limits:**

Not available

## Stability and reactivity

<b>Stability of the substance:</b>	Stable
<b>Conditions contributing to instability:</b>	Application to hot surfaces.. Storage above 50°C. Exposure to open flame.
<b>Incompatibility:</b>	Strong oxidising agents
<b>Hazardous decomposition products:</b>	May produce fumes when heated to decomposition. Fumes may contain carbon monoxide.
<b>Conditions contributing to hazardous polymerization:</b>	Will not occur

## TRANSPORT INFORMATION

UN NUMBER: UN1950

**HAZARD CLASS:** 2.2 Non flammable, Non toxic gas For Sea Transport Not classified as hazardous for road transport in UK(ADR).

**UK TRANSPORT DESCRIPTION:** MISCELLANEOUS GOODS

## Toxicological information

<b>Inhalation:</b>	Respiratory irritation, headache, nausea, fatigue, drowsiness, impaired co-ordination, central nervous system depression or heart arrhythmia.
<b>Ingestion:</b>	Not a likely route of exposure. If swallowed, do not induce vomiting. Seek immediate medical advice and/or attention.
<b>Skin:</b>	Contact may dry the skin; prolonged contact may cause moderate irritation. Not easily absorbed. Solvent action can dry and defat the skin causing the skin to crack, leading to dermatitis.
<b>Eyes:</b>	Liquid or vapor can cause moderate to severe irritation.
<b>Acute Over-Exposure:</b>	Acute: eye irritant. Skin irritant. Narcotic in high concentrations. Severe overexposure may cause damage to the blood.
<b>Chronic Effects:</b>	Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system and other internal organ damage.

## Ecological information

Environmental precautions: do not allow product to wash into waterways.

Ecological toxicity: toxic to aquatic life with long lasting effects.

## Disposal considerations

Waste disposal method:

Dispose of in accordance with local, state, and federal regulations. Before attempting clean up, refer to other sections of this msds for hazard caution information.

# Regulatory information

HSNO Approval No:

Group Standard:

HSNO Classes:

# Other information

**New Zealand National Poison Information Centre (24 hours): 0800 POISON (764 766)**  
**New Zealand Emergency Services: 111**

**For General Information  
contact:**

Xcell Products NZ  
Phone: +64 9 238 2389 [8.00 am to 4.30pm – Mon to Fri]  
Fax: +64 9 238 2399

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