

Trade name: Cordless Tyre Inflator– RTC4000

Current version: 1.0.0, issued: 10/10/25

Replaced version:

Region: GB

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name

CORDLESS TYRE INFLATOR**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Relevant identified uses of the substance or mixture

Tire Inflator

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet**Address**Ring Automotive,
Gelderd Road, Leeds, LS12 6NA

Telephone no. +44(0)113 213 2000

Fax no. +44(0)113 231 0266

Information provided by / telephone

0113 213 7339

Advice on Safety Data Sheetautosales@ringautomotive.com**1.4 Emergency telephone number**

0113 213 2000

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****(a) Classification information**

Classification of Danger	See section 14
Primary Route(s) of Exposure	Eye, skin, contact, ingestion
Health Hazard	The batteries are not hazardous when used according to the instructions of manufacturer under normal conditions. In case of abuse, there's Hazard of rupture, fire, heat, leakage of internal components, which could cause casualty loss. Abuses including but not limited to the following cases: charged for long time, short circuited, put into fire, whacked with hard object, punctured with acute object, crushed, and broken.

2.2 Label elements

Not relevant

2.3 Other hazards

No data available.

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Chemical Name	Molecular Formula	Concentration or concentration ranges (%)	CAS Number
Lithium Cobalt Oxide	LiCoO ₂	15-40	12190-79-3
Graphite	C	10-30	7782-42-5
Phosphate(1-), hexafluoro-, lithium	LiPF ₆	10-30	21324-40-3
Copper	Cu	7-13	7440-50-8
Aluminum foil	Al	5-10	7429-90-5
Nickel	Ni	1-5	7440-02-0

3.2 Mixtures

No data available.

SECTION 4: First aid measures**4.1 Description of first aid measures**

First-aid measures after eye contact	Flush eyes with Plenty of water for at least 15 minutes, occasionally lifting the upper and lower eye lids. Get medical aid
First-aid measures after skin contact:	Remove contaminated clothes and rinse skin with plenty of water or shower for 15 minutes. Get medical aid.
First-aid measures after Inhalation:	Remove from exposure and move to fresh air immediately. Use oxygen if available.
First-aid measures after ingestion:	Induce vomiting unless patient is unconscious. Call a physician.

4.2 Most important symptoms and effects, both acute and delayed

No Data Available

4.3 Indication of any immediate medical attention and special treatment needed

No Data Available

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SECTION 5: Firefighting measures

Characteristics of Hazard	Dusts at sufficient concentrations can form explosive mixtures with air. Combustion generates toxic fumes.
Hazardous Combustion Products	Carbon dioxide.
Fire-extinguishing Methods and Extinguishing Media	For small fires, use water spray, dry chemical, carbon dioxide or chemical foam.
Attention in Fire-extinguishing	Wear self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Personal Precautions:	In case of rupture. Attention! Corrosive material. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak
Other Information:	Refer to protective measures listed in Sections 7 and 8.

6.2 Environmental Precautions

Prevent product from contaminating soil and from entering sewers or waterways.

6.3 Methods and materials for containment and cleaning up

Methods and materials for Containment	Stop the leak if safe to do so. Contain the spilled liquid with dry sand or earth. Clean up spills immediately.
Methods and materials for cleaning up	Absorb spilled material with an inert absorbent (dry sand or earth). Scoop contaminated absorbent into an acceptable waste container. Collect all contaminated absorbent and dispose of according to directions in Section 13. Scrub the area with detergent and water; collect all contaminated wash water for proper disposal.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Handling	The battery may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity.
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7.2 Conditions for safe storage, including any incompatibilities

Storage	Store in a cool, dry, well-ventilated area away from incompatible substances. Store locked up. Keep out of the reach of children.
Other Precautions	In case of rupture. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Use personal protection equipment.

7.3 Specific end use(s)

No Data Available

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SECTION 8: Exposure controls/personal protection

8.1 Exposure Controls	
Engineering Controls	Use adequate ventilation to keep airborne concentrations low. If used under conditions that generate particulates, the ACGIH TLV-TWA of 3mg/m3 respirable fraction (10mg/m3 total) should be observed.
8.2 Personal Protective Equipment	
Eye and Face Protection:	None required for consumer use. If there is a Hazard of contact: Tight sealing safety goggles. Face protection shield.
Skin and Body Protection:	None required for consumer use. If there is a Hazard of contact: Wear protective gloves and protective clothing.
Respiratory Protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

(a) Physical State			
Appearance:	Prismatic	Odor:	If leaking, smells of medical ether
Color:	Gray	Odor Threshold:	No information available
(b) Chemical Properties			
Property	Values	Remarks/ Method	
pH	No data available	None known	
Melting point/freezing point	No data available	None known	
Initial Boiling Point And Boiling Range	No data available	None known	
Flash Point	No data available	None known	
Evaporation Rate	No data available	None known	
Flammability (Solid, Gas)	No data available	None known	
Upper/Lower Flammability Or Explosive Limits	No data available		
Vapor Pressure	No data available	None known	
Vapor Density	No data available	None known	
Relative Density	No data available	None known	
Solubility(ies)	Insoluble in water	None known	
Partition Coefficient: N-Octanol/Water	No data available	None known	
Auto-Ignition Temperature	No data available	None known	
Decomposition Temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	
Explosive properties	No data available		
Oxidizing Properties	No data available		

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Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	No data available

SECTION 10: Stability and reactivity

10.1 Reactivity
No data available.
10.2 Chemical stability
Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions
None under normal processing.
10.4 Hazardous polymerization
Hazardous polymerization does not occur.
10.5 Conditions to avoid
Exposure to air or moisture over prolonged periods.
10.6 Hazardous decomposition products
Carbon oxides.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

(a) Information on the likely routes of exposure	
Irritation	In the event of exposure to internal contents, vapour fumes may be very irritating to the eyes and skin.
Sensitization	Not Available.
Reproductive Toxicity	Not Available.
Toxicologically Synergistic Materials	Not Available.

11.2.1 Endocrine disrupting properties

No information available

11.2.2 Information on other hazards

No information available

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SECTION 12: Ecological information**12.1 Ecotoxicity**

General Note:	Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Anticipated behavior of a chemical product in environment/possible environmental impact/ ecotoxicity	Not Available

12.2 Persistence and degradability

No information available.

12.3 Bio accumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.5. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Waste Treatment	Recycle or dispose of in accordance with government, state & local regulations.
Attention for Waste Treatment	Deserted batteries shouldn't be treated as ordinary trash. Shouldn't be thrown into fire or placed in high temperature. Shouldn't be dissected, pierced, crushed or treated similarly. Best disposal method is recycling.

Trade name: CORDLESS TYRE INFLATOR– RTC4000**Current version:** 1.0.0, issued: 10/10/25**Replaced version:****Region:** GB**SECTION 14: Transport information****14.1 UN Number**

UN3481

14.2 UN Proper shipping name

Lithium ion batteries contained in equipment (including lithium ion polymer batteries).

14.3 Transport hazard class(es)

Class 9

14.4 Packing Group

None

14.5 Environmental hazards

None.

14.6 Special precautions for user

Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****RoHS:** Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) Directive 2011/65/EU**REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Other regulations

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SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP)

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter

Department issuing safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.