

# SAFETY DATA SHEET

**AURORA  
LITES**

## REDHEADS NATURAL FIRELIGHTER

Infosafe No.: LQB4K  
ISSUED Date : 25/05/2022  
ISSUED by: AURORA LITES PTY LTD

### Section 1 - Identification

#### Product Identifier

REDHEADS NATURAL FIRELIGHTER

#### Company Name

AURORA LITES PTY LTD (ABN 66 649 845 787)

#### Address

20 Gwynne Street Cremorne  
VIC 3121 Australia

#### Telephone/Fax Number

Tel: +61 1800 577 280

#### Emergency Phone Number

Poisons Information Centre (131 126) (24 hours)

#### E-mail Address

hello@auroralites.com.au

#### Recommended use of the chemical and restrictions on use

Firelighter for domestic use.

#### Other Names

Name	Product Code
NATURAL FIRELIGHTER 28'S	26000
NATURAL FIRELIGHTERS MEGA VALUE 64'S	26100

#### Other Information

The company for all the Redheads products is Aurora Lites Pty Ltd And The company for all the Beehive products is Aurora Lites Limited.

Although the information and recommendations set forth in this SDS are presented in good faith and are believed to be correct as of the date of this SDS, Aurora Lites Pty Ltd and Aurora Lites Limited make no representations as to the completeness or accuracy thereof. Information is supplied on the conditions that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will Aurora Lites Pty Ltd and Aurora Lites Limited or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.

### Section 2 - Hazard(s) Identification

#### GHS classification of the substance/mixture

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

## Section 3 - Composition and Information on Ingredients

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### Ingredients

Name	CAS	Proportion
Ingredients determined not to be hazardous.		100 %

### Information on Composition

Natural pine wood impregnated with vegetable oil.

## Section 4 - First Aid Measures

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### Inhalation

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

### Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

### Skin

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

### Eye

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.

### First Aid Facilities

Eye wash and normal washroom facilities.

### Advice to Doctor

Treat symptomatically.

### Other Information

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

Burns that occur due to incorrect use, have to be treated like normal burns: The injured areas should be kept for 10 minutes under running cold water. Blisters should not be opened and loose skin should not be removed. Cover affected areas with clean, non-liquid, sterile material. Seek medical attention if problems persist.

## Section 5 - Firefighting Measures

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### Suitable Extinguishing Media

Foam. Carbon dioxide (CO<sub>2</sub>). ABC powder. BC powder.  
Fight larger fires with water spray jet or alcohol-resistant foam.

### Unsuitable Extinguishing Media

High power water jet.

### Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases, including oxides of nitrogen, carbon monoxide and carbon dioxide.

### Specific hazards arising from the chemical

Combustible solid. This product will readily burn under fire conditions.

### Decomposition Temperature

Not available

### Precautions in connection with Fire

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

Douse small fires with a foam extinguisher or carbon dioxide. Use water spray jet to protect personnel and to cool endangered containers. Suppress vapors with a water spray jet.

## Section 6 - Accidental Release Measures

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### Emergency Procedures

Wear suitable protective clothing. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

## Section 7 - Handling and Storage

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### Precautions for Safe Handling

Keep out of the reach of children. Avoid inhalation of gas/fume. Use only in a well ventilated area. Keep containers sealed when not in use. Keep away from sources of ignition - No smoking. Keep away from combustible material. Maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or using toilet facilities.

Fill some charcoal into the barbecue bowl. Break-off one grill lighter, light it and lay it onto the existing layer of charcoal. Let it burn 2-4 min. Now the grill can be filled slowly with charcoal. The firelighter must be burnt completely and the charcoal must be covered with an ash layer before applying the grill goods.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area away from sources of ignition, sunlight, heat sources, moisture and incompatible materials such as oxidising agents. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.

For information on the handling of Combustible dusts and grounding procedure reference should be made to Australian Standard AS/NZS 4745 - 'Code of Practice for Handling Combustible Dusts'. Ensure that storage conditions comply with applicable local and national regulations.

### Storage Temperatures

Recommended storage temperature: 25°C.

## Section 8 - Exposure Controls and Personal Protection

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### Occupational exposure limit values

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

### Biological Monitoring

No biological limits allocated.

### Control Banding

Not available

### Engineering Controls

Use with good general ventilation. A flameproof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of particulates below the exposure standards, suitable respiratory protection must be worn.

### Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

### Eye and Face Protection

Safety glasses with side shields, full face shield or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 (series) - Eye Protectors for Industrial Applications.

### Hand Protection

Wear gloves of impervious material such as NBR (Nitrile rubber). (Coating thickness: 0.11mm; Diffusion time: 480 min). Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

### Thermal Hazards

No further relevant information available.

### Body Protection

Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Solid	Appearance	Solid
Colour	Brown	Odour	Neutral
Melting/Freezing Point	*>45 °C	Boiling Point	Not available
Decomposition Temperature	Not available	Solubility in Water	Insoluble
Specific Gravity	Not available	pH	Not available
Vapour Pressure	*<0.1 hPa	Relative Vapour Density (Air=1)	Not available
Evaporation Rate	Not available	Odour Threshold	Not available
Viscosity	Not available	Partition Coefficient: n-octanol/water (log value)	Not available
Density	*~0.880 g/cm <sup>3</sup>	Flash Point	*~200 °C
Flammability	Non-flammable (GHS/CLP criteria are not met.)	Auto-Ignition Temperature	*~250 °C
Explosion Limit - Upper	Not available	Explosion Limit - Lower	Not available
Particle Characteristics	Not available		

### Other Information

\*The data refer to the fuel.

## Section 10 - Stability and Reactivity

### Reactivity

Reacts with incompatible materials.

### Chemical Stability

Stable under normal conditions of storage and handling.

### Possibility of hazardous reactions

Not available

### Conditions to Avoid

Heat, flames and other sources of ignition.

### Incompatible Materials

Oxidising agents.

### **Hazardous Decomposition Products**

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

### **Hazardous Polymerization**

Will not occur.

## **Section 11 - Toxicological Information**

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### **Toxicology Information**

No toxicity data available for this product.

#### **Ingestion**

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

#### **Inhalation**

Inhalation of dusts/vapour may irritate the respiratory system.

#### **Skin**

Skin contact may cause mechanical irritation resulting in redness and itching.

#### **Eye**

Eye contact may cause mechanical irritation. May result in mild abrasion.

#### **Respiratory Sensitisation**

Not expected to be a respiratory sensitiser.

#### **Skin Sensitisation**

Not expected to be a skin sensitiser.

#### **Germ Cell Mutagenicity**

Not considered to be a mutagenic hazard.

#### **Carcinogenicity**

Not considered to be a carcinogenic hazard.

#### **Reproductive Toxicity**

Not considered to be toxic to reproduction.

#### **STOT - Single Exposure**

Not expected to cause toxicity to a specific target organ.

#### **STOT - Repeated Exposure**

Not expected to cause toxicity to a specific target organ.

#### **Aspiration Hazard**

Not expected to be an aspiration hazard.

## **Section 12 - Ecological Information**

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### **Ecotoxicity**

No ecological data are available for this material.

### **Persistence and degradability**

Not available

### **Mobility**

Not available

### **Bioaccumulative Potential**

Not available

### **Other Adverse Effects**

Not available

### **Environmental Protection**

Prevent this material entering waterways, drains and sewers.

### **Hazardous to the Ozone Layer**

This product is not expected to deplete the ozone layer.

## Section 13 - Disposal Considerations

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### Disposal Considerations

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations. To minimise personal exposure to the chemical, refer to Section 8—Exposure controls and personal protection.

## Section 14 - Transport Information

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### Transport Information

Road and Rail Transport (ADG Code):

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Marine Transport (IMO/IMDG):

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

### ADG U.N. Number

None Allocated

### ADG Proper Shipping Name

None Allocated

### ADG Transport Hazard Class

None Allocated

### Special Precautions for User

Not available

### IMDG Marine pollutant

No

### Transport in Bulk

Not available

### Additional Information

UN Transport Regulation: The test item has not to be classified as readily combustible solid in Class 4, Division 4.1 according to the UN Transport Regulation (UN Test N.1).

## Section 15 - Regulatory Information

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### Regulatory Information

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

### Poisons Schedule

Not Scheduled

### Montreal Protocol

Not listed

### Stockholm Convention

Not listed

### Rotterdam Convention

Not listed

### International Convention for the Prevention of Pollution from Ships (MARPOL)

Not available

## **Agricultural and Veterinary Chemicals Act 1994**

Not available

## **Basel Convention**

Not listed

## **Section 16 - Any Other Relevant Information**

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### **Date of Preparation**

SDS Created: May 2022

Amended: September 2023 Product Identifier, Other names and Product codes updated.

### **Version Number**

1.1

### **Literature References**

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Code of Practice for Supply Diversion into Illicit Drug Manufacture.

National Code of Practice for Chemicals of Security Concern.

Agricultural Compounds and Veterinary Chemicals Act.

International Agency for Research on Cancer (IARC) Monographs.

Montreal Protocol on Substances that Deplete the Ozone Layer.

Stockholm Convention on Persistent Organic Pollutants (POPs).

Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade.

Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal.

International Air Transport Association (IATA) Dangerous Goods Regulations.

International Maritime Dangerous Goods (IMDG) Code.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of Classification and Labelling of Chemicals (7th revised edition).

Code of Practice: Managing Noise and Preventing Hearing Loss at Work.

## **END OF SDS**

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