

Safety Data Sheet

according to WHS Regulations

Printing date 20.09.2021

Revision: 20.09.2021

1 Identification

Product Name: LONG MATCHES

Other Means of Identification: Mixture

Other Name: Fireplace Matches, BBQ Matches, Grill Matches.

Product Code:

CM-001(280*3mm),FA-02(280*3mm), FA-05(280*4mm), FA-04(200*2*8mm), FA-013(175*33mm), WTM-001(50*2.1mm), WTM-006(50*2.1*2.1mm), AM-001(65*2.5mm), AM-002(100*3mm), AM-005(75*2.5mm), FA-08(200*3mm), AM-016(43*2mm), AM-015(88*3mm).

Part Number: GMA1640, GMA1780, GMA1795, GMA1380

Recommended Use of the Chemical and Restriction on Use: Lighter

Details of Manufacturer or Importer:

Adventure Trading Australia Pty Ltd
 71 Charles Ulm Place
 Eagle Farm QLD 4009

Phone Number: (07) 3193 1110

Emergency telephone number: 1300 657 022

2 Hazard(s) Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).



Flame

Flammable Solids 2

H228 Flammable solid.



Flame over circle

Oxidising Solids 1

H271 May cause fire or explosion; strong oxidizer.



Environment

Aquatic Chronic 2

H411 Toxic to aquatic life with long lasting effects.



Acute Toxicity (Oral) 4

H302 Harmful if swallowed.

Acute Toxicity (Inhalation) 4

H332 Harmful if inhaled.

Aquatic Acute 2

H401 Toxic to aquatic life.

Signal Word Danger

Hazard Statements

H228 Flammable solid.

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H271 May cause fire or explosion; strong oxidizer.

H302 Harmful if swallowed.

H332 Harmful if inhaled.

H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220	Keep away from clothing and other combustible materials.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof [electrical/ventilating/lighting] equipment.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P283	Wear fire resistant or flame retardant clothing.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330	Rinse mouth.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P306+P360	IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P370+P378	In case of fire: Use CO ₂ , powder or water spray to extinguish.
P371+P380+P375	In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
P391	Collect spillage.
P420	Store separately.
P501	Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

CAS: 3811-04-9	Potassium chlorate	50%
	⚠ Oxidising Solids 1, H271; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Toxicity (Oral) 4, H302; Acute Toxicity (Inhalation) 4, H332	
CAS: 1314-13-2	Zinc oxide	8%
	⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
CAS: 7704-34-9	Sulphur	3%
	⚠ Skin Corrosion/Irritation 2, H315	

4 First Aid Measures

General Information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Seek medical attention if breathing problems develop.

Skin Contact: No special measures are necessary. Seek medical attention if irritation occurs.

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Eye Contact: No special measures are necessary. Seek medical attention if symptoms occur.**Ingestion:** If swallowed, induce vomiting and seek medical attention.**Symptoms Caused by Exposure:**

Inhalation: Harmful if inhaled. May cause respiratory irritation.

Skin: No adverse health effects expected.

Eye: May cause mild eye irritation.

Ingestion: Harmful if swallowed. May cause gastrointestinal irritation.

5 Fire Fighting Measures

Suitable Extinguishing Media: Water fog, foam, dry chemical or carbon dioxide. Do not use full water jet.**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon and sulphur and chlorine compounds.

Flammable solid. May cause fire or explosion; strong oxidiser.

Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

HAZCHEM Code: 1Z

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear suitable protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and sweep into a pile and shovel into drums for subsequent disposal. Avoid generating dust. Provide adequate ventilation.

7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Flammable solid. May cause fire or explosion; strong oxidiser.

8 Exposure Controls and Personal Protection

Exposure Standards:**CAS: 1314-13-2 Zinc oxide**

WES	STEL: 10** mg/m ³
	TWA: 10* 5** mg/m ³
	*dust **fume

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Engineering Controls:

Maintain air concentration below occupational exposure standards, providing adequate ventilation.

Respiratory Protection:

Respiratory protection is not required under normal use conditions.

Use an approved dust/vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection: Skin protection is not required under normal use conditions.**Eye and Face Protection:** Eye protection is not required under normal use conditions.**9 Physical and Chemical Properties****Appearance:**

Form:	Small rod
Colour:	Red
Odour:	Odourless
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	260 - 270 °C
Flammability:	Flammable solid. May cause fire or explosion; strong oxidiser.
Ignition Temperature	180 °C
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Density:	No information available
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Insoluble
Partition Coefficient (n-octanol/water):	No information available

10 Stability and Reactivity**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.**Chemical Stability:** Stable at ambient temperature and under normal conditions of storage and use.**Conditions to Avoid:** Heat, sparks, open flames, hot surfaces and direct sunlight.**Incompatible Materials:** No further relevant information available.**Hazardous Decomposition Products:** Oxides of carbon and sulphur and chlorine compounds.

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11 Toxicological Information

Toxicity:**LD50/LC50 Values Relevant for Classification:****CAS: 3811-04-9 Potassium chlorate**

Oral	LD50	1,870 mg/kg (rat)
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CAS: 1314-13-2 Zinc oxide

Oral	LD50	>5,000 mg/kg (rat)
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Inhalation	LC50/4 h	>5.7 mg/l (rat)
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CAS: 7704-34-9 Sulphur

Oral	LD50	>2,000 mg/kg (rat)
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Dermal	LD50	>2,000 mg/kg (rat)
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Inhalation	LC50	5.43 mg/l (rat)
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Acute Health Effects**Inhalation:** Harmful if inhaled. May cause respiratory irritation.**Skin:** No adverse health effects expected.**Eye:** May cause mild eye irritation.**Ingestion:** Harmful if swallowed. May cause gastrointestinal irritation.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No data associated with long term health effects.**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:**

Toxic to aquatic life with long lasting effects.

CAS: 1314-13-2 Zinc oxide

EC50/48 h	6.9-16.2 mg/l (daphnia)
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EC50/72 h	0.136 mg/l (selenastrum capricornutum)
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LC50/96 h	2,246 mg/l (fathead minnow)
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0.33-0.78 mg/l (rainbow trout)

Persistence and Degradability: No data available on finished product.**Bioaccumulative Potential:** No data available on finished product.**Mobility in Soil:** No data available on finished product.**Other adverse effects:** No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number	UN1944
ADG, IMDG, IATA	
Proper Shipping Name	MATCHES, SAFETY, ENVIRONMENTALLY HAZARDOUS
ADG	
IMDG	MATCHES, SAFETY, MARINE POLLUTANT
IATA	MATCHES, SAFETY
Dangerous Goods Class	
ADG Class:	4.1 Flammable solids, self-reactive substances, polymerizing substances and solid desensitized explosives
Subsidiary Risk:	
Packing Group:	
ADG, IMDG, IATA	III
Marine pollutant:	Yes Symbol (fish and tree)
EMS Number:	F-A,S-I
Hazchem Code:	1Z
Special Provisions:	293, 294
Limited Quantities:	5 kg
Packagings & IBCs - Packing Instruction:	P407
Packagings & IBCs - Special Packing Provisions:	None
Portable Tanks & Bulk Containers - Instructions:	None
Portable Tanks & Bulk Containers - Special Provisions:	None

15 Regulatory Information

Australian Inventory of Industrial Chemicals:

All ingredients are listed.

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Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:
Not a scheduled poison.

16 Other Information

Date of Preparation or Last Revision: 20.09.2021**Prepared by:** MSDS.COM.AU Pty Ltd

www.msds.com.au

Abbreviations and acronyms:

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Flammable Solids 2: Flammable solids – Category 2

Oxidising Solids 1: Oxidising solids, Hazard Category 1

Acute Toxicity (Oral) 4: Acute toxicity – Category 4

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1

Aquatic Acute 2: Hazardous to the aquatic environment, short-term (Acute). Category 2

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment, long-term (Chronic). Category 2

Data altered compared to the previous version:

Section 1: Details of Manufacturer or Importer, Phone Number, Emergency telephone number

Section 2: Hazardous Nature

Section 3: Hazardous Components

Section 4

Section 5: Specific Hazards Arising from the Chemical

Section 8: Respiratory Protection

Section 11: Acute Health Effects

Section 12: Aquatic toxicity

Section 15: Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020"

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