



# Safety Data Sheet

according to Australia WHS Regulations

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## 1 Identification

### · Product identifier

- **Trade name:** Pocket Tactical Grenade, CS
- **Product code:** 1016 (1012301)
- **Recommended use:** Crowd Control Device
- **Restrictions on use:** Contact manufacturer/supplier

### · Details of the supplier of the Safety Data Sheet

#### · **Manufacturer/Supplier:**

Safariland, LLC  
13386 International Parkway  
Jacksonville, FL 32218 USA  
Customer Care (800) 347-1200

#### · **Importer/Distributor:**

Distributed within Australia by:  
Aquaterro Advanced Product Supplies - ABN: 31 064 779 746  
77 National Avenue  
Pakenham, Victoria, 3810 Australia  
Tel +61 (03) 9754 2922  
Toll-Free 1300 TACTICAL (Australia)

Distributed within Australia by:  
Grycol International Pty Ltd  
3 Zenith Business Park,  
34 Alliance Avenue  
Morisset, New South Wales 2264, Australia

(Mailing Address)  
P.O. Box 723  
Morisset NSW 2264, Australia  
Tel +61 2 4970 4377  
Fax: +61 2 4913 5310

### · **Emergency telephone number:**

ChemTel LLC  
North America: 1-800-255-3924 (Toll-Free)  
International: 1-813-248-0585  
Emergencies within Australia - 131126 (NSW Poison Control Centre)  
Emergencies within New Zealand - 0800 764 766 (National Poison Control Centre)

## 2 Hazard(s) Identification

### · **Classification (Australia, New Zealand)**

Australia NOHSC – Hazardous Substance (Classified according to Worksafe Australia NOHSC 2018 National Code of Practice)  
Australia ADG – Dangerous Goods (Classified according to National Transport Commission Australian Dangerous Goods Code)

### · **Classification of the substance or mixture**

Flam. Sol. 1 H228 Flammable solid.  
Ox. Sol. 2 H272 May intensify fire; oxidiser.  
Acute Tox. 3 H301 Toxic if swallowed.  
Acute Tox. 3 H331 Toxic if inhaled.

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- Skin Irrit. 2 H315 Causes skin irritation.  
 Eye Irrit. 2A H319 Causes serious eye irritation.  
 Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 Skin Sens. 1 H317 May cause an allergic skin reaction.  
 STOT SE 3 H335 May cause respiratory irritation.

· **Additional information:**

Risk of explosion if heated under confinement.

There are no other hazards not otherwise classified that have been identified.

0 % of the mixture consists of component(s) of unknown toxicity.

· **Hazard pictograms**



GHS02 GHS03 GHS06 GHS08

· **Signal word** Danger

· **Hazard statements**

- H228 Flammable solid.  
 H272 May intensify fire; oxidiser.  
 H301 Toxic if swallowed.  
 H331 Toxic if inhaled.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H317 May cause an allergic skin reaction.  
 H335 May cause respiratory irritation.

· **Precautionary statements**

- P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
 P220 Keep/Store away from clothing/combustible materials.  
 P221 Take any precaution to avoid mixing with combustibles.  
 P260 Do not breathe dust.  
 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.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P284 Wear respiratory protection.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P330 Rinse mouth.  
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P342+P311 If experiencing respiratory symptoms: Call a POISON CENTRE/doctor.  
 P362+P364 Take off contaminated clothing and wash it before reuse.

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P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.  
 P370+P380 In case of fire: Evacuate area.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:**

AUH044 Risk of explosion if heated under confinement.

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Explosive Product Notice**









PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES - The prevention of accidents in the use of explosives is a result of careful planning and observance of the best known practices. The explosives user must remember that they are dealing with a powerful force and that various devices and methods have been developed to assist them in directing this force. They should realize that this force, if misdirected, may either kill or injure both themselves and their fellow workers.

WARNING - All explosives are dangerous and must be carefully handled and used following approved safety procedures either by or under the direction of competent, experienced persons in accordance with all applicable federal, state, and local laws, regulations, or ordinances. If you have any questions or doubts as to how to use any explosive product, DO NOT USE IT before consulting with your supervisor, or the manufacturer, if you do not have a supervisor. If your supervisor has any questions or doubts, they should consult the manufacturer before use.

## 3 Composition and Information on Ingredients

· **Chemical characterisation: Mixtures**

· **Components:**

2698-41-1	[(2-chlorophenyl)methylene]malononitrile	20-30%
	<div>  Acute Tox. 3, H301; Acute Tox. 2, H330   Resp. Sens. 1, H334; STOT RE 2, H373   Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335 </div>	
9004-70-0	Nitrocellulose, colloided, granular	10-30%
	 Expl. 1.1, H201	
3811-04-9	potassium chlorate	10-30%
	<div>  Ox. Liq. 1, H271; Ox. Sol. 1, H272   Acute Tox. 4, H302; Acute Tox. 4, H332 </div>	
57-50-1	Sucrose, pure	10-30%
598-62-9	manganese carbonate	10-30%
7757-79-1	Potassium nitrate	10-30%
	 Ox. Sol. 2, H272	
1309-48-4	Magnesium oxide	<10%
7440-21-3	Silicon	<10%
	 Flam. Sol. 2, H228	
7778-74-7	Potassium perchlorate	<10%

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








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
	 Ox. Liq. 1, H271; Ox. Sol. 1, H271  Acute Tox. 4, H302	
7704-34-9	Sulfur	<10%
	 Skin Irrit. 2, H315	
592-87-0	lead dithiocyanate	<1.0%
	 Repr. 1A, H360Df; STOT RE 2, H373  Acute Tox. 4, H302; Acute Tox. 4, H332	
122-39-4	diphenylamine	<1.0%
	 Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331  STOT RE 2, H373	
10294-40-3	barium chromate	<1.0%
	 Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330  Muta. 1B, H340; Carc. 1A, H350; Repr. 2, H361; STOT RE 1, H372	
85-98-3	1,3-diethyldiphenylurea	<1.0%
	 Acute Tox. 4, H302	

· **Additional information:**

For the wording of the listed Hazard Statements refer to section 16.

For the listed ingredient(s), the identity and/or exact percentages are being withheld as a trade secret.

· **Notable Trace Components (< 0,1% w/w)**

7758-97-6	lead chromate	
	 Acute Tox. 3, H331  Muta. 2, H341; Carc. 1B, H350; Repr. 1A, H360; STOT RE 2, H373  Skin Sens. 1, H317	

## 4 First Aid Measures

· **Description of 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.

· **After inhalation:**

Supply fresh air.

Seek immediate medical advice.

In case of irregular breathing or respiratory arrest provide artificial respiration.

Provide oxygen treatment if affected person has difficulty breathing.

· **After skin contact:**

Immediately rinse with water.

If skin irritation continues, consult a doctor.

· **After eye contact:**

Protect unharmed eye.

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:**

Unlikely route of exposure.

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

· **Most important symptoms and effects, both acute and delayed**

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Asthma attacks  
 Blast injury if mishandled.  
 Dizziness  
 Causes eye irritation.  
 Irritant to skin and mucous membranes.  
 Breathing difficulty  
 Coughing  
 Allergic reactions  
 Disorientation

· **Hazards:**

Explosive crush or blast injury.  
 Danger of pulmonary oedema.  
 Danger of disturbed cardiac rhythm.  
 Danger of convulsion.  
 Danger of impaired breathing.  
 Danger of cerebral oedema.

· **Indication of any immediate medical attention and special treatment needed**

Severe allergic skin reaction, bronchial spasms and anaphylactic shock are possible.  
 If necessary oxygen respiration treatment.  
 Contains lead chromate.  
 Later observation for pneumonia and pulmonary oedema.  
 Product may produce physical injury if mishandled. Treatment of these injuries should be based on the blast and compression effects.

## 5 Fire Fighting Measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

DO NOT fight fire when fire reaches explosives.  
 Flood area with water. If no water is available, carbon dioxide, dry chemical or earth may be used. If the fire reaches the cargo, withdraw and let fire burn.

· **For safety reasons unsuitable extinguishing agents:** None.

· **Special hazards arising from the substance or mixture**

Product may explode if burned in confined space. Individual cartridges may explode. Mass explosion of many cartridges at once is unlikely.  
 Hazardous combustions products: Metal Compounds, Carbon Monoxide, Carbon Dioxide, Nitrous Oxides, Various complex oxides of metals, Nitrogen.

· **Advice for firefighters**

· **Protective equipment:**

Wear self-contained respiratory protective device.  
 Wear fully protective suit.

· **Additional information:**

Evacuate area and fight fire from the upwind side.  
 Cool endangered receptacles with water spray.

## 6 Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures**

Isolate area and prevent access.

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Use respiratory protective device against the effects of fumes/dust/aerosol.  
 Keep people at a distance and stay on the windward side.  
 Wear protective equipment. Keep unprotected persons away.  
 Remove persons from danger area.  
 Ensure adequate ventilation  
 Protect from heat.  
 Keep away from ignition sources.

· **Environmental precautions**

Do not allow to enter sewers/ surface or ground water.  
 Suppress gases/fumes/haze with water spray.

· **Methods and material for containment and cleaning up**

Pick up mechanically.  
 Dispose contaminated material as waste according to section 13.  
 Send for recovery or disposal in suitable receptacles.

· **Reference to other sections**

See Section 7 for information on safe handling.  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for disposal information.

## 7 Handling and Storage

· **Handling:**

· **Precautions for safe handling**

Handle with care. Avoid jolting, friction and impact.  
 Keep away from heat and direct sunlight.  
 Use only in well ventilated areas.

· **Information about fire - and explosion protection:**

Prevent impact and friction.  
 Keep respiratory protective device available.  
 Emergency cooling must be available in case of nearby fire.  
 Protect from heat.  
 Keep ignition sources away - Do not smoke.

· **Conditions for safe storage, including any incompatibilities**

· **Requirements to be met by storerooms and receptacles:**

Provide ventilation for receptacles.  
 Avoid storage near extreme heat, ignition sources or open flame.

· **Information about storage in one common storage facility:**

Store away from foodstuffs.  
 Store away from flammable substances.  
 Do not store together with oxidising and acidic materials.  
 Store away from water.

· **Further information about storage conditions:**

Protect from heat and direct sunlight.  
 Store in dry conditions.  
 Store receptacle in a well ventilated area.

· **Specific end use(s)** No further relevant information available.

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## 8 Exposure controls and personal protection

### · Control parameters

### · Ingredients with limit values that require monitoring at the workplace:

#### 2698-41-1 [(2-chlorophenyl)methylene]malononitrile

WES (Australia)	Peak limitation: 0.39 mg/m <sup>3</sup> , 0.05 ppm Sk
PEL (USA)	Long-term value: 0.4 mg/m <sup>3</sup> , 0.05 ppm
REL (USA)	Peak limitation: 0.4 mg/m <sup>3</sup> , 0.05 ppm Skin
TLV (USA)	Peak limitation: 0.39* mg/m <sup>3</sup> , 0.05* ppm *inhalable fraction and vapor; Skin
WES (New Zealand)	Peak limitation: 0.39 mg/m <sup>3</sup> , 0.05 ppm skin

#### 57-50-1 Sucrose, pure

WES (Australia)	Long-term value: 10 mg/m <sup>3</sup>
PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	Long-term value: 10 mg/m <sup>3</sup>
WES (New Zealand)	Long-term value: 10 mg/m <sup>3</sup>

#### 598-62-9 manganese carbonate

WES (Australia)	Long-term value: 1 mg/m <sup>3</sup> as Mn
PEL (USA)	Peak limitation: 5 mg/m <sup>3</sup> as Mn
REL (USA)	Short-term value: 3 mg/m <sup>3</sup> Long-term value: 1 mg/m <sup>3</sup> as Mn
TLV (USA)	Long-term value: 0.02* 0.1** mg/m <sup>3</sup> as Mn; *respirable **inhalable fraction
WES (New Zealand)	Long-term value: 0.2 *0.02 mg/m <sup>3</sup> as Mn; *respirable dust

#### 1309-48-4 Magnesium oxide

WES (Australia)	Long-term value: 10 mg/m <sup>3</sup>
PEL (USA)	Long-term value: 15* mg/m <sup>3</sup> fume; *total particulate
TLV (USA)	Long-term value: 10* mg/m <sup>3</sup> *as inhalable fraction
WES (New Zealand)	Long-term value: 10 mg/m <sup>3</sup> fume

#### 592-87-0 lead dithiocyanate

WES (Australia)	Long-term value: 5 mg/m <sup>3</sup>
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PEL (USA)	as CN, Sk Long-term value: 5 mg/m <sup>3</sup> as CN; Skin
<b>122-39-4 diphenylamine</b>	
WES (Australia)	Long-term value: 10 mg/m <sup>3</sup>
REL (USA)	Long-term value: 10 mg/m <sup>3</sup>
TLV (USA)	Long-term value: 10 mg/m <sup>3</sup>
WES (New Zealand)	Long-term value: 10 mg/m <sup>3</sup>
<b>10294-40-3 barium chromate</b>	
WES (Australia)	Long-term value: 0.05 mg/m <sup>3</sup> Sen, as Cr
PEL (USA)	Long-term value: 0.005* mg/m <sup>3</sup> Peak limitation: 0.1** mg/m <sup>3</sup> *as Cr(VI) **as CrO <sub>3</sub> ; see 29 CFR 1910.1026
REL (USA)	Long-term value: 0.0002 mg/m <sup>3</sup> as Cr; See Pocket Guide Apps. A and C
TLV (USA)	Short-term value: 0.0005 mg/m <sup>3</sup> Long-term value: 0.0002 mg/m <sup>3</sup> as Cr(VI); inhalable, DSEN, RSEN
WES (New Zealand)	Long-term value: 0.01 mg/m <sup>3</sup> bio, confirmed carcinogen, as Cr

**Ingredients with biological limit values:**
**10294-40-3 barium chromate**

BEI (USA)	25 µg/L Medium: urine Time: end of shift at end of workweek Parameter: Total chromium (fume)
	10 µg/L Medium: urine Time: increase during shift Parameter: Total chromium (fume)

**Exposure controls**
**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Avoid close or long term contact with the skin.

Avoid contact with the eyes.

Do not inhale dust / smoke / mist.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Do not inhale gases / fumes / aerosols.

**Respiratory protection:**

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Combined Organic Vapour and Particulate Respirator is recommended for use during all processing activities.

Wear positive pressure NIOSH or European EN149 vapor respirators when deploying product in large quantities.

Respiratory protection required.

• **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

• **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

• **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• **Eye protection:**



Safety glasses

• **Body protection:** Protective work clothing

• **Limitation and supervision of exposure into the environment:**

No further relevant information available.

• **Risk management measures:**

See Section 7 for additional information.

Organizational measures should be in place for all activities involving this product.

## 9 Physical and Chemical Properties

• **Information on basic physical and chemical properties**

• **Appearance**

Form: Solid material

Colour: Grey

• **Odour:** Characteristic

• **Odour threshold:** Not determined.

• **pH-value:** Not applicable.

• **Melting point/freezing point:** Not determined.

• **Initial boiling point and boiling range:** Not determined.

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· <b>Flash point:</b>	Not applicable.
· <b>Flammability (solid, gas):</b>	Not determined.
· <b>Auto/Self-ignition temperature:</b>	Not determined.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Explosive properties:</b>	Extreme risk of explosion by shock, friction, fire or other sources of ignition.
· <b>Explosion limits</b> <b>Lower:</b> <b>Upper:</b>	Not determined. Not determined.
· <b>Oxidising properties</b>	Contains oxidizing agent.
· <b>Vapour pressure:</b>	Not applicable.
· <b>Density:</b> · <b>Relative density:</b> · <b>Vapour density:</b> · <b>Evaporation rate:</b>	Not determined. Not determined. Not applicable. Not applicable.
· <b>Solubility in / Miscibility with water:</b>	Insoluble.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity</b> <b>Dynamic:</b> <b>Kinematic:</b>	Not applicable. Not applicable.
· <b>Other information</b>	No further relevant information available.

## 10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions**  
Flammable solid.  
Contact with acids releases toxic gases.  
Toxic fumes may be released if heated above the decomposition point.  
Can react violently with oxygen rich (oxidising) material. Danger of Explosion.  
Strong exothermic reaction with acids.  
Develops toxic gases/fumes.
- **Conditions to avoid**  
Keep ignition sources away - Do not smoke.  
Store away from oxidising agents.  
Keep away from heat and direct sunlight.  
Cartridge may detonate if case is punctured or severely damaged.
- **Incompatible materials** Contact with acids liberates toxic gas.

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## · Hazardous decomposition products

Carbon monoxide and carbon dioxide  
 Hydrocarbons  
 Leadoxide vapour  
 Bariumoxide vapour  
 Nitrogen oxides (NOx)  
 Chlorine compounds  
 Poisonous gases/vapours  
 Irritant gases/vapours

## 11 Toxicological Information

### · Information on toxicological effects

#### · Acute toxicity:

Toxic if inhaled.  
 Toxic if swallowed.

#### · LD/LC50 values relevant for classification:

##### **2698-41-1 [(2-chlorophenyl)methylene]malononitrile**

Oral	LD50	178 mg/kg (rat)
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##### **3811-04-9 potassium chlorate**

Oral	LD50	1870 mg/kg (rat)
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##### **122-39-4 diphenylamine**

Oral	LD50	1120 mg/kg (rat)
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##### **7758-97-6 lead chromate**

Oral	LD50	12000 mg/kg (mouse)
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#### · Primary irritant effect

· **Skin corrosion/irritation:** Irritant to skin and mucous membranes.

· **Serious eye damage/irritation:** Causes eye irritation.

· **Respiratory or skin sensitisation:** May cause sensitisation by inhalation and skin contact.

#### · IARC (International Agency for Research on Cancer):

592-87-0	lead dithiocyanate	2B
10294-40-3	barium chromate	1

#### · Probable routes of exposure:

Ingestion.  
 Inhalation.  
 Eye contact.  
 Skin contact.

#### · Acute effects (acute toxicity, irritation and corrosivity):

Irritating to eyes, respiratory system and skin.  
 Toxic if swallowed or if inhaled.

#### · Repeated dose toxicity:

Repeated exposures may result in skin and/or respiratory sensitivity.  
 May cause damage to organs through prolonged or repeated exposure.

· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:** Based on available data, the classification criteria are not met.

· **Reproductive toxicity:** Based on available data, the classification criteria are not met.

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- **STOT-single exposure:** May cause respiratory irritation.
- **STOT-repeated exposure:** May cause damage to organs through prolonged or repeated exposure.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

## 12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:**  
Toxic for aquatic organisms  
The product contains materials that are harmful to the environment.

**2698-41-1 [(2-chlorophenyl)methylene]malononitrile**

EC50 0.2-0.3 mg/kg (Oncorhynchus mykiss)

- **Persistence and degradability** The product is partially biodegradable. Significant residuals remain.
- **Bioaccumulative potential** May be accumulated in organism
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**  
This statement was deduced from the properties of the single components.  
The product contains heavy metals. Avoid transfer into the environment. Specific preliminary treatments are necessary  
Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.  
Also poisonous for fish and plankton in water bodies.  
Toxic for aquatic organisms  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Hand over to hazardous waste disposers.  
After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.  
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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## 14 Transport information

· UN-Number

· DOT, ADG, IMDG, IATA

UN1700

· UN proper shipping name

· DOT

Tear gas candles

· ADG

1700 TEAR GAS CANDLES

· IMDG, IATA

TEAR GAS CANDLES

· Transport hazard class(es)

· DOT



· Class

6.1

· Label

6.1, 4.1

· ADG



· Class

6.1 (TF3)

· Label

6.1+4.1

· IMDG



· Class

6.1

· Label

6.1/4.1

· IATA



· Class

6.1

· Label

6.1 (4.1)

· Packing group

· DOT, ADG, IMDG, IATA

II

· Environmental hazards:

Not applicable.

· Special precautions for user

Warning: Toxic substances.

· Hazard identification number (Kemler code):

-

· EMS Number:

F-A,S-G

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# Safety Data Sheet

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- **Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.

## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **IARC (International Agency for Research on Cancer)**

1309-37-1	Diiron trioxide / iron (III) oxide	3
10294-40-3	Barium chromate	1
69012-64-2	Silica-amorphous silica fume	3

- **Australia**

- **Australian Inventory of Chemical Substances**

All ingredients are listed.

- **Standard for the Uniform Scheduling of Medicines and Poisons**

3811-04-9	potassium chlorate	S2, S5
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## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

- H201 Explosive; mass explosion hazard.
- H228 Flammable solid.
- H271 May cause fire or explosion; strong oxidiser.
- H272 May intensify fire; oxidiser.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H311 Toxic in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H331 Toxic if inhaled.
- H332 Harmful if inhaled.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335 May cause respiratory irritation.
- H340 May cause genetic defects.
- H341 Suspected of causing genetic defects.
- H350 May cause cancer.
- H360 May damage fertility or the unborn child.
- H360Df May damage the unborn child. Suspected of damaging fertility.
- H361 Suspected of damaging fertility or the unborn child.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H373 May cause damage to organs through prolonged or repeated exposure.

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# Safety Data Sheet

according to Australia WHS Regulations

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**Trade name: Pocket Tactical Grenade, CS**

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**Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
 IMDG: International Maritime Code for Dangerous Goods  
 DOT: US Department of Transportation  
 IATA: International Air Transport Association  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bio-accumulable, Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Expl. 1.1: Explosives – Division 1.1  
 Flam. Sol. 1: Flammable solids – Category 1  
 Flam. Sol. 2: Flammable solids – Category 2  
 Ox. Liq. 1: Oxidizing liquids – Category 1  
 Ox. Sol. 1: Oxidizing solids – Category 1  
 Ox. Sol. 2: Oxidizing solids – Category 2  
 Acute Tox. 3: Acute toxicity - oral – Category 3  
 Acute Tox. 4: Acute toxicity - oral – Category 4  
 Acute Tox. 2: Acute toxicity - inhalation – Category 2  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A  
 Resp. Sens. 1: Respiratory sensitisation – Category 1  
 Skin Sens. 1: Skin sensitisation – Category 1  
 Muta. 1B: Germ cell mutagenicity – Category 1B  
 Carc. 1A: Carcinogenicity – Category 1A  
 Repr. 1A: Reproductive toxicity – Category 1A  
 Repr. 2: Reproductive toxicity – Category 2  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1  
 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2