

Infosafe No™ VAR6Z      Issue Date : April 2016      ISSUED by HUNTERST

Product Name **ACETONE**

Classified as hazardous

## 1. Identification

**GHS Product Identifier** ACETONE

**Company Name** Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)

**Address** 60 Gleadow Street INVERMAY  
TAS 7248 Australia

**Telephone/Fax Number** Tel: 03 6331 4755  
Fax: 03 6334 1065

**Emergency phone number** 0407 610 542

**Recommended use of the chemical and restrictions on use** Solvent

## 2. Hazard Identification

**GHS classification of the substance/mixture** Eye Damage/Irritation: Category 2A  
Flammable Liquids: Category 2  
STOT Single Exposure: Category 3 (narcotic)

**Signal Word (s)** DANGER

**Hazard Statement (s)** H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

**Precautionary statement – General** P102 Keep out of reach of children.  
P103 Read label before use.

**Pictogram (s)** Flame, Exclamation mark



**Precautionary statement – Prevention** P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P233 Keep container tightly closed.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash contaminated skin thoroughly after handling  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response** P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
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.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P337+P313 If eye irritation persists: Get medical advice/attention.

**Precautionary statement – Storage** P403+P233 Store in a well-ventilated place. Keep container tightly closed.

**Precautionary statement – Disposal** P405 Store locked up.  
P501 Dispose of contents/container in accordance with local regulations.

## 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Acetone	67-64-1	>99%

## 4. First-aid measures

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<b>Inhalation</b>	Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Remove contaminated clothing.
<b>Ingestion</b>	If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment.
<b>Skin</b>	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. If irritation occurs seek medical advice.
<b>Eye contact</b>	If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek immediate medical assistance.
<b>First Aid Facilities</b>	Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.
<b>Advice to Doctor</b>	Treat symptomatically.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Alcohol-resistant foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
<b>Hazards from Combustion Products</b>	Carbon monoxide and/or Carbon dioxide may be evolved. The vapour is heavier than air, spreads along the ground and distant ignition is possible. Heating can cause expansion or decomposition leading to violent rupture of containers. Containers exposed to intense heat from fires should be cooled with large quantities of water.
<b>Specific hazards arising from the chemical</b>	A highly flammable liquid. May form flammable vapour mixture with air. Avoid all ignition sources.
<b>Hazchem Code</b>	2[Y]E
<b>Properties on Heating &amp; in case of Fire</b>	Highly flammable liquid. Wear full protective clothing and self-contained breathing apparatus.

## 6. Accidental release measures

<b>Methods and materials for containment and cleaning up</b>	For small spills (<1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely. For larger spills (> 1 drum), transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Retain as contaminated waste. Allow and residues to evaporate or use an appropriate absorbent material and dispose of safely.
<b>Spills &amp; Disposal</b>	Shut off all sources of ignition. Increase ventilation. Clear area of all unprotected personnel. Stop leak if safe to do so. Absorb with dry earth, sand or other non-combustible and inert material. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Avoid breathing material and contact with skin and eyes and clothing. Handle open containers in well ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Do not empty into drains. Before eating, drinking or smoking, remove contaminated clothing and wash hands thoroughly. Do not eat, drink or smoke in contaminated areas. Do not store near strong oxidants. Flameproof equipment necessary in area where chemical is being used. Nearby equipment must be earthed. Vapours may accumulate in low or confined areas. Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment.
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## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</b>	National Occupational Health & Safety Commission (NOHSC) Worksafe Australia has set an exposure standard 1185mg/m <sup>3</sup> (500ppm) TWA (8hr), STEL 2375mg/m <sup>3</sup>
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<b>Appropriate engineering controls</b>	(1000ppm). Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.
<b>Respiratory Protection</b>	If inhalation risk exists an approved organic vapour respirator (AS/NZS 1715 and 1716) should be worn.
<b>Eye Protection</b>	Wear safety goggles.
<b>Body Protection</b>	Use chemical resistant glove/gauntlets, boots and apron. Skin protection not ordinarily required beyond standard issue work clothes.

## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>Appearance</b>	Colourless Clear Liquid
<b>Odour</b>	Characteristic solvent odour.
<b>Melting Point</b>	-95C
<b>Boiling Point</b>	56C
<b>Solubility in Water</b>	Miscible with water
<b>Specific Gravity</b>	0.79
<b>pH</b>	Not applicable.
<b>Vapour Pressure</b>	186 mmHg @ 20C
<b>Vapour Density (Air=1)</b>	2 @ 15 Deg C
<b>Volatile Component</b>	100%
<b>Flash Point</b>	-18C (Closed cup)
<b>Flammability</b>	Flammable liquid.
<b>Auto-Ignition Temperature</b>	465C
<b>Flammable Limits - Lower</b>	2.15%
<b>Flammable Limits - Upper</b>	13.0%

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal conditions of use.
<b>Conditions to Avoid</b>	Avoid heat, sparks, open flames and other ignition sources.
<b>Incompatible Materials</b>	Strong oxidising agents, reducing agents, acids, alkalis.
<b>Hazardous Decomposition Products</b>	Burning can produce carbon monoxide and/or carbon dioxide.

## 11. Toxicological Information

<b>Ingestion</b>	Low toxicity: LD50 >2000 mg/kg , Rat. May result in irritation of the gastrointestinal tract, nausea, headache and vomiting. Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
<b>Inhalation</b>	Low toxicity: LC50 >20 mg/l / 4 hours, Rat. Vapour concentrations above 500ppm are irritating to the nose and throat. May cause central nervous system depression.
<b>Skin</b>	Contact with skin may result in irritation. Will have a degreasing effect on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.

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**Eye**                      Liquid is a moderate to severe eye irritant. High concentrations of 500-1000ppm are irritating to eyes.

**Chronic Effects**                      None.

## 12. Ecological information

**Ecotoxicity**                      Fish :                      Low toxicity: LC/EC/IC50 > 1000 mg/l  
Aquatic Invertebrates : Low toxicity: LC/EC/IC50 > 1000 mg/l  
Algae :                      Low toxicity: LC/EC/IC50 > 1000 mg/l  
Microorganisms : Low toxicity: LC/EC/IC50 > 1000 mg/l

**Persistence and degradability**                      Readily biodegradable.

**Mobility**                      Miscible with water. If product enters soil, it will be mobile and may contaminate groundwater.

**Bioaccumulative Potential**                      Not expected to bioaccumulate significantly.

## 13. Disposal considerations

**Waste Disposal**                      Ensure waste disposal conforms to local waste disposal regulations.

## 14. Transport information

**Transport Information**                      Classified as a Class 3 Dangerous Good. Dangerous Goods of Class 3 Flammable Liquids, are incompatible in a placard load with any of the following: - Class 1, Class 2.1, if both the Class 3 and Class 2.1, dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the Class 3 dangerous goods are nitromethane and Class 7.

**U.N. Number**                      1090

**UN proper shipping name**                      ACETONE

**Transport hazard class(es)**                      3

**Hazchem Code**                      2[Y]E

**Packaging Method**                      3.8.3RT1

**Packing Group**                      II

**EPG Number**                      3A1

**IERG Number**                      14

## 15. Regulatory information

**Poisons Schedule**                      S5

**Hazard Category**                      Irritant, Highly Flammable

**AICS (Australia)**                      All components listed.

## 16. Other Information

**Signature of Preparer/Data Service**                      Technical Manager 0407 610 542

**Technical Contact Numbers**                      Emergency Advice All Hours:  
Technical Manager: 0407 610 542 Mon-Fri 8am - 6pm  
Poisons Information Centre: 13 11 26 - 24hrs  
Transport/Fire Emergency: 000 (Emergency services)

**Other Information**                      This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in

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doubt ring the Contact Point Number given below.

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