

1. PRODUCT IDENTIFICATION

Product Name	Ramsay Neutralizing Acid Adsorber
Other Names	Neutralizing Acid Adsorber
Use	Used to neutralise and absorb acid spills
Supplier Name and Address	Century Yuasa Batteries 37-65 Cobalt St Carole Park QLD 4300
Telephone	(07) 3361 6161
Emergency (24 Hours)	(07) 3361 6707
Relevant identified uses	Nuetralising acid to form salt to enable safe collection and disposal of acid

2. HAZARD(S) IDENTIFICATION

NON-HAZARDOUS CHEMICAL NON-DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

Poisons Schedule	Non Applicable		
Signal Word	Non Applicable		
GHS Classification	Non Applicable		
GHS Label Elements	Non Applicable		
Hazard Statements	Non Applicable		
Precautionary Statements	<u>Prevention</u>	<u>Response</u>	Non Applicable
	P101 If medical advice is needed, have product container or label at hand.	<u>Storage</u>	Non Applicable
	P102 Keep out of reach of children	<u>Disposal</u>	Non Applicable
	P103 Read label before use.		

3. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	Identification	Content % weight
Non-hazardous ingredients	Not Available	100%

4. FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

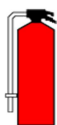
Eye contact	If this product comes in contact with the eyes: <ul style="list-style-type: none"> Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel
Skin contact	If skin contact occurs: <ul style="list-style-type: none"> Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
Inhalation	If fumes or combustion products are inhaled: <ul style="list-style-type: none"> Remove from contaminated area. Other measures are usually unnecessary
Ingestion	If swallowed: <ul style="list-style-type: none"> Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor. NOTE: Wear a protective glove when inducing vomiting by mechanical means.

MEDICAL ATTENTION AND SPECIAL TREATMENT. Indication of any immediate medical attention and special treatment needed

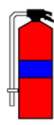
Treat symptomatically No identified requirements

5. FIRE FIGHTING MEASURES

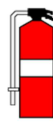
Recommended Extinguishing Media



Water spray or fog.



Foam



Dry chemical powder.



Carbon dioxide.



BCF Vaporising Liquid
(Where regulations permit).



Extinguishing Media Incompatibilities

- There is no restriction on the type of extinguisher which may be used.
- Use extinguishing media suitable for surrounding area.

Specific Hazards Hazardous Decomposition

- Non-combustible.
- Not considered a significant fire risk, however containers may burn.

Fire Incompatibility

- None known.

Fire Fighting, Special Protective Equipment & Precautions

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves.
- Prevent, by any means available, spillage from entering drains or water courses.
- Use fire fighting procedures suitable for surrounding area.
- DO NOT approach containers suspected to be hot.
- Cool fire exposed containers with water spray from a protected location.
- If safe to do so, remove containers from path of fire.
- Equipment should be thoroughly decontaminated after use.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

- Avoid contact with skin and eyes.

Environmental Precautions

- Prevent, by any means available, spillage from entering drains or water course.

Methods and materials for containment and cleaning up

- With a clean shovel, transfer spilled material into clean-labelled containers for disposal.
- Prevent from entering drains, sewers, streams or other bodies of water. If contamination of sewers or waterways has occurred, advise the local emergency services

Protective Equipment

- Personal Protective Equipment advice is contained in Section 8 of the SDS.

Emergency Procedures Minor Spills

- Clean up all spills immediately.
- Avoid contact with skin and eyes.
- Wear impervious gloves and safety glasses.
- Prevent, by any means available, spillage from entering drains or water courses.
- Sweep, shovel up. Recover product wherever possible.
- Use dry clean up procedures and avoid generating dust.
- Do NOT use air hoses for cleaning
- Place spilled material in clean, dry, sealable, labelled container

Major Spills

- Not applicable , only small quantities supplied

7. HANDLING AND STORAGE

Safe Handling

- Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- Avoid contact with incompatible materials.
- When handling material, DO NOT eat, drink or smoke.
- Keep containers securely sealed when not in use.
- Avoid physical damage to containers.
- Always wash hands with soap and water after handling.
- Work clothes should be laundered separately.
- Use good occupational work practice.
- Observe manufacturer's storage and handling recommendations contained within this SDS.
- Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained

Storage

- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry area protected from environmental extremes.
- Store away from incompatible materials and foodstuff containers.
- Protect containers against physical damage and check regularly for leaks.
- Observe manufacturer's storage and handling recommendations contained within this SDS.

Suitable container

- Lined metal can, lined metal pail/ can.
- Plastic pail.








- Polyliner drum.
- Packing as recommended by manufacturer.
- Check all containers are clearly labelled and free from leaks

Storage incompatibility • Avoid contamination of water, foodstuffs, feed or seed.

✓ = May be stored together

ⓘ = May be stored together with specific preventions

✗ = Must not be stored together

 ✓ FLAMMABLES	 ✓ EXPLOSIVES	 ✓ ACUTE TOXIC	 ✓ OXIDISERS	 ✓ HARMFUL	 ✓ IRRITANT	 ✓ CORROSIVE
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8. EXPOSURE CONTROLS, PERSONAL PROTECTION

AUSTRALIAN EXPOSURE STANDARDS (Occupational Exposure Limits)

Ingredient	Material name	TWA	STEL
Neutralizing Acid Adsorber	Not Available	Not Available	Not Available

APPROPRIATE ENGINEERING CONTROLS

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

The basic types of engineering controls are:

- Process controls which involve changing the way a job activity or process is done to reduce the risk.
- Enclosure and / or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

PERSONAL PROTECTION



Respirator Type

- Not normally required however if dust is evident in breathing zone use a minimum of P1



Eye Protection

- Safety glasses with side shields Chemical goggles.
- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants.



Clothing

- Overalls.



Glove Type

- Not normally required



Foot wear

- Wear safety footwear or safety gumboots.



Other Protection

- Eyewash unit.
- Barrier cream.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light brown powder with no odour; partly mixes with water.		
Odour	Not Available	Lower explosive limits	Not Applicable
Odour threshold	Not Available	Vapour pressure (kPa)	Not Available
pH	Not Applicable	Vapour density (Air = 1)	Not Available
Melting point/ freezing point (°C)	Not Available	Relative density (Water = 1)	1.4-1.6
Initial boiling point and boiling range (°C)	Not Available	Solubility in water (g,L)	Partly Miscible
Flash point	Not Applicable	Partition coefficient: n-octanol/water	Not Applicable
Evaporation rate	Not Available	Auto-ignition temperature	Not Applicable
Flammability	Not Applicable	Decomposition temperature (°C)	Not Available
Upper explosive limits	Not Applicable	Viscosity	Not Available

10. STABILITY AND REACTIVITY

Reactivity	Nil	Chemical stability	<ul style="list-style-type: none"> • Product is considered stable Hazardous polymerization will not occur.
Possibility of hazardous reactions	Nil	Conditions to avoid	<ul style="list-style-type: none"> • Avoid contamination of water, foodstuffs, feed or seed.
Incompatible materials	Nil	Hazardous decomposition products	<ul style="list-style-type: none"> • Not considered a significant fire risk, however containers may burn.

APVMA	Australian Pesticides and Veterinary Medicines Authority
AQIS	Australian Quarantine and Inspection Service
CAS #	Chemical Abstract Service Number – <i>used to uniquely identify chemical compounds</i>
IARC	International Agency for Research on Cancer
LC50	Lethal Concentration- <i>toxicity of the surrounding medium that will kill half of the sample population of a specific test-animal in a specified period through exposure via inhalation (respiration)</i>
SDS	Safety Data Sheet- (SDS), <i>previously called a Material Safety Data Sheet (MSDS)</i> ,
TGA	Therapeutic Goods Administration