

# SAFETY DATA SHEET

## AC-45 Q Supa 160

Infosafe No.: 5GEFH  
ISSUED Date : 28/01/2019  
ISSUED by: Australian Chemical Services

### 1. IDENTIFICATION

**GHS Product Identifier**

AC-45 Q Supa 160

**Product Code**

AC45

**Company Name**

AUSTECH CHEMICALS PTY LTD (ABN 84 124 370 761)

**Address**

45 Magnesium Street Narangba

QLD 4504 Australia

**Telephone/Fax Number**

Tel: 07 3204 8511

Fax: 07 3204 8522

**Emergency phone number**

07 3204 8511

**E-mail Address**

nicholas@auschem.com

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

Water based degreaser.

### 2. HAZARD IDENTIFICATION

**GHS classification of the substance/mixture**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

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

Acute Toxicity - Oral: Category 4

Corrosive to Metals: Category 1

Eye Damage/Irritation: Category 1

Skin Corrosion/Irritation: Category 1B

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

May be corrosive to metals.

Harmful if swallowed.

Causes severe skin burns and eye damage.

Causes serious eye damage.

**Precautionary Statement (s)**

Keep out of reach of children.

**Pictogram (s)**

Exclamation mark, Corrosion

**Precautionary statement – Prevention**

Wear protective gloves/protective clothing/eye protection/face protection.

Wash contaminated skin thoroughly after handling.

Do not breathe dust/fume/gas/mist/vapours/spray.

Do not eat, drink or smoke when using this product.

Keep only in original container.

#### Precautionary statement – Response

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

Absorb spillage to prevent material damage.

#### Precautionary statement – Storage

Store locked up.

Store in corrosive resistant/ container with a resistant inner liner.

#### Precautionary statement – Disposal

Dispose of contents/container to an approved waste facility.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients

Name	CAS	Proportion
Potassium Hydroxide	1310- 58- 3	0- <5 %
Ingredients determined to be non- hazardous at the formulation concentration		to 100%

### 4. FIRST-AID MEASURES

#### First Aid Measures

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764766) or a doctor.

#### Inhalation

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. For all but the most minor symptoms arrange for patient to be seen by a doctor as soon as possible, either on site or at the nearest hospital.

#### Ingestion

Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.

#### Skin

If spilt on large areas of skin or hair, immediately drench with running water and remove clothing. Continue to wash skin and hair with plenty of water (and soap if material is insoluble) until advised to stop by the Poisons Information Centre or a doctor.

#### Eye contact

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

#### Advice to Doctor

Treat symptomatically. Can cause corneal burns. Can cause skin burns. Material is strongly alkaline and corrosive.

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Not combustible, however, if material is involved in a fire use: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

#### Specific Methods

Not combustible, however following evaporation of aqueous component residual material can decompose if involved in a fire, emitting toxic fumes. Contact with metals may liberate hydrogen gas which is extremely flammable. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

**Specific Hazards Arising From The Chemical**

Non-combustible material.

**Hazchem Code**

2R

## 6. ACCIDENTAL RELEASE MEASURES

---

**Emergency Procedures**

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Caution - heat may be evolved on contact with water. If contamination of sewers or waterways has occurred advise local emergency services.

## 7. HANDLING AND STORAGE

---

**Precautions for Safe Handling**

Avoid skin and eye contact and breathing in vapour, mists and aerosols.

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

Store in cool place and out of direct sunlight. Store away from incompatible materials described in Section 10. Store away from foodstuffs. Do not store in aluminium or galvanised containers nor use die-cast zinc or aluminium bungs; plastic bungs should be used. At temperatures greater than 40°C, tanks must be stress relieved. Keep containers closed when not in use - check regularly for leaks.

**Other Information**

This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

---

**Occupational exposure limit values****OCCUPATIONAL EXPOSURE LIMITS**

No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

Potassium hydroxide: Peak Limitation = 2 mg/m<sup>3</sup>

As published by the National Occupational Health and Safety Commission.

Peak Limitation - a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**Appropriate Engineering Controls**

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. If inhalation risk exists: Use with local exhaust ventilation or while wearing suitable mist respirator. Keep containers closed when not in use.

**Personal Protective Equipment**

Wear overalls, face shield, elbow-length impervious gloves, splash apron and rubber boots. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

If risk of inhalation exists, wear suitable mist respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

**Form**

Liquid

**Appearance**

Yellow liquid

**Odour**

Characteristic

**Solubility in Water**

Miscible with water.

**Specific Gravity**

1.07 - 1.09 @ 20°C

**pH**

&gt;13

**Flash Point**

Not applicable.

---

**10. STABILITY AND REACTIVITY**

---

**Chemical Stability**

Stable when stored as directed.

**Hazardous Decomposition Products**

None known.

**Possibility of hazardous reactions**

Reacts violently with acids. Reacts exothermically on dilution with water. Incompatible with aluminium, ammonium salts, tin, and zinc.

**Hazardous Polymerization**

None known.

---

**11. TOXICOLOGICAL INFORMATION**

---

**Ingestion**

Harmful. Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract. Swallowing can result in chemical burns to the mouth, throat and abdomen; perforation of the gastrointestinal tract and vomiting of blood and eroded tissue. Death may occur if large amounts are ingested.

**Inhalation**

Breathing in mists or aerosols may produce respiratory irritation and/or burns.

**Skin**

Corrosive to skin - may cause skin burns.

**Eye**

Corrosive to eyes; contact can cause corneal burns. Contamination of eyes can result in permanent injury.

**Chronic Effects**

No information available for the product.

---

**12. ECOLOGICAL INFORMATION**

---

**Ecological information**

Avoid contaminating waterways. Expected to be harmful to aquatic organisms due to high pH.

---

**13. DISPOSAL CONSIDERATIONS**

---

**Disposal considerations**

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered.

---

**14. TRANSPORT INFORMATION**

---

**U.N. Number**

1719

**UN proper shipping name**

CAUSTIC ALKALI LIQUID, N.O.S.contains Potassium Hydroxide

**Transport hazard class(es)**

8

**Packing Group**

II

**Hazchem Code**

2R

IERG Number

37

## 15. REGULATORY INFORMATION

---

### Poisons Schedule

S5

### Australia (AICS)

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

---

### Other Information

Issue no: 6

Reason for revision: Modified formula (reduced KOH), Classification review.

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

---

## END OF SDS

© Copyright Chemical Safety International Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe SDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe SDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

The compilation of SDS's displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copying of any SDS displayed is permitted for personal use only and otherwise is not permitted. In particular the SDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of SDS without the express written consent of Chemical Safety International Pty Ltd.