SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **Q2 LB1728**
Synonyms:

Use: Additive

Supplier: Advance Chemicals
ABN: 61 005 625 025
Street Address: 4 – 8 Malton Court Altona, 3018
Telephone Number: (03) 9398 4444

Emergency Telephone: Ted Powell (03) 9398 4444 (Business Hours)
0425 800 022 (After Hours)

2. HAZARDS IDENTIFICATION

Classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 7th Revised Edition.

Hazard Classification: HAZARDOUS SUBSTANCE, NON DANGEROUS GOODS.

Classification of the substance or mixture:
Eye irritation – category 2

SIGNAL WORD: WARNING

Hazard Statement(s):
H319 – Causes serious eye irritation

Precautionary Statement(s):

Prevention:
P264 – Wash hands thoroughly after handling
P280 - Wear protective gloves/eye protection/ face protection

Response:
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 – If eye irritation persists: Get medical advice/attention.

Storage:
P405 – Store in a well-ventilated place. Keep cool.

Disposal:
P501: Dispose of contents/container in accordance with local waste management authority.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion	
Sodium carbonate	497-19-8	5 – 10%	
Potassium carbonate	584-08-7	5 – 10%	
Ethylenediamine tetraacetate	64-02-8	5 – 10%	

4. FIRST AID MEASURES

Inhalation: Remove victim from exposure, avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Ensure airways are clear and have a qualified person give oxygen through a face mask if breathing is difficult. If victim has stopped breathing begin artificial respiration, or if heart has stopped, cardiopulmonary resuscitation. SEEK IMMEDIATE MEDICAL ATTENTION.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water. See a doctor if skin irritation, swelling, redness or blistering occurs. Wash clothing before reuse.

Eye Contact: Immediately hold eyelids open and flood with clean cold water for at least 20 minutes. Take care not to rinse contaminated water into the non-affected eye. SEEK IMMEDIATE MEDICAL ATTENTION.

Ingestion: DO NOT INDUCE VOMITING. Immediately wash out mouth with water and then give plenty of water to drink. SEEK IMMEDIATE MEDICAL ATTENTION.

Notes to Doctor: Treat symptomatically for Caustic Alkali. Treat burns if present.

5. FIRE FIGHTING MEASURES

Specific Hazards: Not combustible, however reaction with metals will produce flammable hydrogen gas which will burn if ignited

Fire fighting advice: Wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion. Remove containers not involved in the fire from the vicinity.

Fire Extinguishing Media: Use water fog, CO_2, or dry chemical.

Hazchem Code: N/A

Flammability: Non flammable.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Slippery when spilt. Clear area of all unprotected personnel. Contain using sand and soil. Prevent run off into drains and waterways. Use absorbent(soil or sand, inert material, vermiculite). Collect and seal in properly labelled containers for disposal. Caution- heat may be evolved on contact with water. If contamination of sewers or waterways has occurred advise the local emergency services. Refer to State Land and waste authority for disposal. Sea water may be used as a decontaminant for soil heavily contaminated with this product.

7. HANDLING AND STORAGE

Handling advice: Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Ensure high level of personal hygiene is maintained when using this product. That is, always wash hands before eating, drinking, smoking or using the toilet.

Storage advice: Keep containers out of reach of children. Store in suitable labelled containers.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits: Contains no substances with occupational exposure limit values.

Engineering Controls: Natural ventilation should be sufficient, however where vapours are generated the use of a local ventilation system is recommended.

Personal Protection Equipment: If engineering controls are not effective in controlling airborne exposure then a supplied air respirator should be used. Final choice of appropriate breathing protection is dependent upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use

and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

The use of faceshield, chemical goggles or safety glasses with side shield protection complying with AS/NZS 1337 is recommended.

Wear gloves of impervious material conforming to AS/NZS 2161: Occupational protective gloves – Selection, use and maintenance. Final choice of appropriate glove type will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments.

The use of plastic apron, sleeves, overalls, and rubber boots are recommended. Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colourless liquid
Boiling Point: > 100 C
Melting Point: Not Known
Flash Point: Non Flammable
Vapour Pressure: Not Known
Vapour Density (Air = 1): Not Applicable
Flammability Limits: Non Flammable
Specific Gravity: 1.15 – 1.2
pH (1% dispersion): 11.0 – 12.5
Solubility in water: Soluble
Corrosiveness: Corrosive to human tissue and some non-ferrous metals.

10. STABILITY AND REACTIVITY

Stability: Stable under normal circumstances.

11. TOXICOLOGICAL INFORMATION

Acute Health Effects:

Ingested: Will cause severe irritation and chemicals burns to the gastrointestinal tract. Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain, swelling of the larynx and subsequent suffocation, perforation of the gastrointestinal tract, cardiovascular collapse and coma.

Eye: Corrosive to syes; contact can cause corneal burns, possible permanent eye damage and blindness.

Skin: Will cause severe irritation and chemical burns in contact with the skin, which aill result in itching, redness, swelling and tissue destruction.

Inhaled: Inhalation of mists will result in respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema. Inhalation of mists at elevated temperature wll increar te symptoms.

Chronic: Chronic effects are unlikely due to the severity of the acute effects.

12. ECOLOGICAL INFORMATION

Avoid contaminating the environment with concentrated material. Avoid disposal to natural waterways with concentrated non-neutralised solutions.

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority.

14. TRANSPORT INFORMATION

UN Number: N/A

Proper Shipping Name: ADOXY Q2 LB1728

Dangerous Goods Class: N/A

Subsidiary risk: N/A

Packing Group: N/A

Hazchem Code: N/A

Road and Rail Transport: Not classified as Dangerous Goods by criteria of the Australian Dangerous Goods Code for transport by road and rail.

15. REGULATORY INFORMATION

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Poisons Schedule: 6

16. OTHER INFORMATION

This S.D.S. is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue.

All information contained in this Safety Data Sheet is as accurate and up-to-date as possible. Since ADVANCE CHEMICALS can not anticipate or control the conditions under which this information can be used, each user should review this information in the specific context of the intended application.

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