

1. Product Identification

Product Code	QCeasolder		
Trade Name	Ceasolder		
Manufacturer	Qualitek (Europe) Ltd	Unit 9 Apex Court, Bassendale Road, Bromborough, Wirral CH62 3RE. UK. Fax 44(0)151-346-1408 Tel 44(0)151-334-0888	
Supplier / Importer			

2. Composition and information on Components

Hazardous Components	Content	EC No	CAS	Hazard	Risk
Ammonia	<0.3%	231-635-3	7664-41-7	(not classified below 3%)	

3. Hazard Identification

Main Hazards	Not Classified
Health Effects Inhalation - Ingestion	Inhalation of the fumes or ingestion may cause headache, nausea, muscular pain. Irritation of the eyes and nose may result from contact with fumes.
Chronic (Prolonged effects)	Anaemia, insomnia, weakness, constipation, nausea and abdominal pain due to ingestion. Skin rash, damage of mucous membrane due to skin exposure and inhalation.
First Aid - Eyes	Immediately flush the eyes with water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.
First Aid - Skin	Wash thoroughly with soap and water and remove all contaminated clothing as washing proceeds. Apply suitable lotion to prevent dryness.
First Aid - Inhalation	Remove person to fresh air and keep subject warm and at rest. Seek medical attention.
First Aid - Ingestion	Wash out mouth with water. Do not induce vomiting. Keep subject warm and at rest. Seek medical attention.

5. Fire Fighting Measures

Extinguishing media	Not flammable-use Carbon Dioxide, Dry Chemical or foam.
Special Hazards	Dangerous when exposed to heat of flame. Containers may melt in heat of fire.
Protective Equipment for Fire Fighting	Wear full protective clothing and use breathing apparatus.

6. Accidental Release Measures

Personal Precautions	Wear appropriate protective clothing. Avoid breathing vapour
Environmental Precautions	Prevent the product entering drains or water courses
Spillages	Small spillages can be cleaned up with absorbent material. Large spills should be collected for disposal.

7. Handling and Storage

Handling	Use in well ventilated area. Avoid breathing in vapour or resultant fumes. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Always wear gloves before opening containers and during handling. Cardboard boxes containing multiple packages may weigh up to 30Kgs
Storage	Storage area should be well ventilated, cool and dry. Store in original containers .

8. Exposure Controls - Personal Protection

Occupational Exposure Limits	Content	Long Term(8h) OEL TWA	OSHA PEL	ACGIH TLV
Ammonia	<0.3% wt	25ppm	25ppm	25ppm
Zinc Oxide	<0.2%	10mgm ³	10mgm ³	10mgm ³
Engineering Control Measures	Ensure work area is well ventilated and equipment properly exhausted. Work area should be arrange so as not expose the operator to unnecessary vapour levels.			
Respiratory Protection	Respiratory protection if there is a risk of prolonged exposure to vapour.			
Eye Protection	Close fitting Chemical goggles should be worn when handling or pouring			
Skin Protection	Normal work wear but rubber apron if there is a danger of splashing or spillage			
Foot Protection	Wear protective boots or toe caps when handling drums			

9. Physical and Chemical Properties

pH	10.0 – 10.5
Appearance	Pink
Odour	Slight ammonia odour
Boiling point	100 Deg C @ 760mm Hg
Melting point	n/a
Flash Point	n/a
Auto Ignition Temperature	n/a
Flammability limits in air	Lower : n/a Upper : n/a
Explosion Limits	Lower : n/a Upper : n/a
Vapour pressure	n/a
Vapour Density	n/a (Air = 1)
Evaporation Rate	<2.3 (BuAc = 1)
Specific Gravity	1.2 (H ₂ O = 1 @ 25 Deg C)
Solubility	Completely soluble in water

10. Stability and Reactivity

Stability	Stable under normal conditions
Conditions to avoid	High Temperature
Materials to avoid	Strong acids, strong oxidising agents
Hazardous Decomposition Products	May release toxic vapours / gases such as Carbon Monoxide, Carbon Dioxide

11. Toxicological Information

Basis of Assessment	Information given is based on product data
Acute Toxicity - Oral	n/a
Acute Toxicity - Dermal	n/a
Acute Toxicity - Inhalation	n/a
Eye Irritation	Slight irritant
Skin Irritation	Slight Irritant
Respiratory Irritation	Slight Irritant.
Skin sensitisation	n/a
(Sub) Chronic Toxicity	Repeated exposure can cause rash
Human effects	Repeated exposure can cause skin rash, pulmonary irritation, headache and Irritation of mucous membranes. There may be other health risks but these will Vary from person to person.

12. Ecological Information

Mobility	The product will readily dissolve in water
Degradability	This product is readily Biodegradable
Bio-accumulation	Not expected to accumulate
Ecotoxicity	Poses a risk of oxygen depletion in aquatic systems

13. Disposal

Product	Material is not classified as special waste but should only be disposed of in Accordance with current regulations.
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14. Transport Information

UN Number, Shipping name and Class	n/a
Proper Shipping Name	n/a
UN Class / Packing Group	not classified
Packing Symbol	n/a
Trem Card Number	none

15. Regulatory Information

Labelling Information

Not Classified

Risk Phrases

Not Classified

Safety Phrases

Not Classified

EC Annex 1 Classification

Regulations / References

Refer to the requirements of all relevant local regulations. For the United Kingdom, see Control of Substances Hazardous to Health Regulations (COSHH), the Health and Safety at Work Act (HSWA) and the Carriage of Dangerous Goods by Road and Rail Regulations 1994.

16. Other Information

Application

See technical data sheet for application information