



## 1. Product Identification

<b>Product Code</b>	356 NVOC No Clean Flux		
<b>Trade Name</b>	None		
<b>Manufacturer</b>	Qualitek-Europe Ltd	Unit 9 Apex court, Bassendale Road. Bromborough, Wirral. CH62 3RE UK Tel 44(0) 151-334-0888 Fax 44(0)151-346-1408	

**Supplier / Importer**

24 hour Emergency Contact (UK) 0151-334-0888

## 2. Composition and information on Components

Hazardous Components		Content	EC No	CAS	Hazard	Risk
Not Classified Organic Acids		6-7%	n/a	n/a	X <sub>i</sub> :Irritant	R36/37/38
Distilled Water		<95%		7732-18-5	Not classified	

## 3. Hazard Identification

<b>Main Hazards</b>	May cause irritation to eyes and skin
<b>Health Effects Inhalation - Ingestion</b>	Inhalation of soldering fumes or ingestion may cause headache, nausea, muscular pain. Irritation of the eyes and nose may result from contact with soldering fumes.
<b>Chronic (Prolonged effects)</b>	Anaemia, insomnia, weakness, constipation, nausea and abdominal pain due to ingestion. Skin rash, damage of mucous membrane due to skin exposure and inhalation.

## 4. First Aid Measures

<b>First Aid - Eyes</b>	Immediately flush the eyes with water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.
<b>First Aid - Skin</b>	Wash thoroughly with soap and water and remove all contaminated clothing as washing proceeds. Apply suitable lotion to prevent dryness. Seek medical attention.
<b>First Aid - Inhalation</b>	Remove person to fresh air and keep subject warm and at rest. Seek medical attention.
<b>First Aid - Ingestion</b>	Wash out mouth with water. Do not induce vomiting. Keep subject warm and at rest. Seek medical attention.

## 5. Fire Fighting Measures

<b>Extinguishing media</b>	This product is not flammable. However similar products which are flammable may also be in the vicinity. Therefore the use of Carbon Dioxide, Dry chemical, Alcohol resistant foam is recommended. Beware of the possibility of re-ignition of other flammable products in the vicinity.
<b>Special Hazards</b>	This product is not regarded as hazardous.
<b>Protective Equipment for Fire Fighting</b>	Wear full protective clothing and use breathing apparatus.

## 6. Accidental Release Measures

<b>Personal Precautions</b>	Wear appropriate protective clothing. Eliminate sources of ignition. Avoid breathing vapour.
<b>Environmental Precautions</b>	Try to prevent the product entering drains or water courses.
<b>Spillages</b>	Small spillages can be flushed with large volumes of water. Larger spillages should be collected for disposal. Allow to evaporate if it is safe to do so or contain using absorbent material such as earth, sand or other inert material.

## 7. Handling and Storage

<b>Handling</b>	Use in well ventilated area. Avoid breathing in vapour, mist or resultant soldering fumes. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Larger containers (20l) are heavy. Take care when lifting and pouring.
<b>Storage</b>	Storage area should be well ventilated, cool and dry. Store in original containers. Re package only if container becomes damaged. Store away from sources of heat or ignition.

## 8. Exposure Controls - Personal Protection

Occupational Exposure Limits	TLV	OSHA PEL	ACGHIH TLV
356NVOC	n/a	n/a	n/a
note that although there are no limits for this product, limits may exist fumes of soldering process and these must be adhered to.			
<b>Engineering Control Measures</b>	Ensure work area is well ventilated and equipment exhausted. If pouring is needed then this should be arranged so as not to expose the operator to unnecessary vapour levels.		
<b>Respiratory Protection</b>	Respiratory protection if there is a risk of exposure to high vapour levels.		
<b>Hand protection</b>	Nitrile rubber gloves or PVC gloves should be used when handling or pouring		
<b>Eye Protection</b>	Close fitting Chemical goggles should be worn when handling or pouring.		
<b>Skin Protection</b>	Normal work wear but rubber apron if there is a danger of splashing or spillage.		
<b>Foot Protection</b>	Wear protective boots or toe caps when handling drums.		

## 9. Physical and Chemical Properties

Appearance	light Amber liquid	
Odour	Ethereal Odour	
pH (as is)	2.3-3.5	
Boiling point	100 Deg C @ 760mm Hg	
Melting point	0 Deg C	
Flash Point	none	
Auto Ignition Temperature	none	
Flammability limits in air	Lower :	none
	Upper :	none
Explosion Limits	Lower :	none
	Upper :	none
Vapour Density	n/a	(Air = 1)
Evaporation Rate	<1	(BuAc = 1)
Specific Gravity	1.010 +/- 0.010	(H <sub>2</sub> O = 1 @ 25 Deg C)
Solubility	Completely soluble in water	

## 10. Stability and Reactivity

Stability	Stable under normal conditions
Conditions to avoid	High temperature - sources of ignition
Materials to avoid	Strong oxidising agents
Hazardous Decomposition Products	May release toxic vapours / gases such as Carbon Monoxide, Carbon Dioxide

## 11. Toxicological Information

Basis of Assessment	The constituents of this product are regarded as non toxic and there are no published limits for the following :
Acute Toxicity - Oral	n/a
Acute Toxicity - Dermal	n/a
Acute Toxicity - Inhalation	n/a
Eye Irritation	Irritant
Skin Irritation	Slight Irritant
Respiratory Irritation	Possible Irritant
Skin sensitisation	May cause skin sensitisation
(Sub) Chronic Toxicity	no data available
Human effects	no data available

## 12. Ecological Information

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

## 13. Disposal

Product	Material is classified as special waste under the COPA regulations 1980 and must be disposed of in accordance with those regulations.
Containers	Leave labels in tact until containers have been thoroughly cleaned. Empty containers may contain hazardous residues and vapours. Dispose of containers with care.

