

## SAFETY DATA SHEET

SDS PREP DATE: 5/3/2018

SDS REVISION DATE: 5/3/2018

**3137 E. 26th Street  
Vernon, CA 90058  
(323) 266-7111**

**Product ID: 33876**

**24-Hour Emergency Telephone: (800) 255-3924**

This Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community Right To Know emergency response reporting requirements under SARA TITLE III and many other laws. If you resell this product, this SDS must be given to the buyer or the information incorporated in your SDS.

### Section 1: Company and Product Identification

The Starco Group  
3137 E. 26th Street  
Vernon, CA 90058  
(323) 266-7111

24-Hour Emergency Telephone: (800) 255-3924

Product ID: 33876

Product Name: Air filter Oil, Blue, (12x6.5oz Case)

Intended Use: AIR FILTER OIL

### Section 2: Hazard(s) Identification

**Product Signal Word: DANGER**

**Physical Hazard Classification:** Flammable Aerosols, Category 1  
Extremely flammable aerosol.

**Physical Hazard Precautionary Statements:**

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Do not spray on an open flame or other ignition source.
- Do not pierce or burn, even after use.
- Protect from sunlight.
- Do not expose to temperatures exceeding 50 °C/122°F.



**Health Hazard Classification(s):**

**Health Hazard Statements:**

**First-Aid Statement(s):**

**Handling and Storage Statement(s):**

**Exposure Control / Personal Protection Statement(s):**

**Disposal Statement(s):**

### Section 3: Product Composition

# SAFETY DATA SHEET

SDS PREP DATE: 5/3/2018

SDS REVISION DATE: 5/3/2018

**3137 E. 26th Street  
Vernon, CA 90058  
(323) 266-7111**

**Product ID: 33876**

**24-Hour Emergency Telephone: (800) 255-3924**

	CAS#	% Range		PEL	TLV
CUSTOMER SUPPLIED MATERIAL	<NOT ESTABLISHED>	70%	97%	<NOT ESTABLISHED>	<NOT ESTABLISHED>
HYDROCARBON PROPELLANT	68476-86-8	3%	30%	NO DATA	NO DATA

Specific chemical identity and exact percentages are withheld as Trade Secret.

## Section 4: First-Aid Measures

**GENERAL:**This material is an aspiration hazard and defats the skin. Breathing vapors of high concentrations may cause CNS depression.

**EYE CONTACT:** Slightly irritating but does not injure eye tissue.

**SKIN CONTACT:** Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis. Skin contact may aggravate an existing dermatitis condition.

**INHALATION:** High vapor/aerosol concentrations (greater than approximately 100 ppm) are irritating to the eyes and the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.

**INGESTION:** Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly minimal toxicity.

### FIRST AID

**EYE CONTACT:** Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

**SKIN CONTACT:** Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes, and launder before reuse.

**INHALATION:** Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention

**INGESTION:** If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

### PRECAUTIONS

**SPECIAL PRECAUTIONS:** Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

**PERSONAL PROTECTION:** For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. Where concentrations in air may exceed the limits, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

**VENTILATION:** The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.

## Section 5: Fire-Fighting Measures

**FIRE AND EXPLOSION HAZARDS:** This product releases Flammable Vapors at well below ambient temperatures and readily forms flammable mixtures with air exposed to an ignition source. It will burn in the open or be explosive in confined spaces. Its vapors are heavier than air and may travel long distances to a point of ignition, and then flash back. Alkaline/chlorine gas mixtures have produced explosions.

**EXTINGUISHING MEDIA:** Dry Chemical. CO2. Halogenated Extinguishing Agent. Stop Gas Flow.

**SPECIAL FIREFIGHTING PROCEDURES:** Gas fires should not be extinguished unless the gas flow can be stopped immediately. Allow the fire to burn itself out. If the source cannot be shut off immediately, all equipment and surfaces exposed to the fire should be cooled with water to prevent over-heating flash-backs, or explosions. Control fire until gas supply can be shut off. Use proper protective equipment. Use fresh air respirator when exposure to hazardous concentrations of toxic gases is possible.

**FIRE FIGHTING:** Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boiling over. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

## SAFETY DATA SHEET

SDS PREP DATE: 5/3/2018

SDS REVISION DATE: 5/3/2018

**Product ID: 33876**

**3137 E. 26th Street  
Vernon, CA 90058  
(323) 266-7111**

**24-Hour Emergency Telephone: (800) 255-3924**

### Section 6: Accidental Release Measures

**STEPS TO BE TAKEN IN CASE CONTAINER IS PUNCTURED AND MATERIAL IS RELEASED:**

Clean up area by mopping or with absorbent materials and place in closed container for disposal. Consult Federal, State, and local disposal authorities.

**WASTE DISPOSAL METHOD:** Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers can not be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

### Section 7: Handling and Storage

**VENTILATION REQUIREMENT:** Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.

**RESPIRATORY PROTECTION:** Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.

**EYES:** Face shield and goggles or chemical goggles should be worn.

**GLOVES:** Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.

**OTHER CLOTHING EQUIPMENT:** Standard work clothing. Standard work shoes; discard if shoes can not be decontaminated. Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.

**RESPIRATORY PROTECTION:** In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

### Section 8: Exposure Control / Personal Protection

**VENTILATION REQUIREMENT:** Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.

**RESPIRATORY PROTECTION:** Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.

**EYES:** Face shield and goggles or chemical goggles should be worn.

**GLOVES:** Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.

**OTHER CLOTHING EQUIPMENT:** Standard work clothing. Standard work shoes; discard if shoes can not be decontaminated. Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.

**RESPIRATORY PROTECTION:** In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

### Section 9: Product Properties

Flash Point (CCP): LVL 3 AEROSOL, PROPELLANT: -130°F

Boiling Point for Product: N/D

## SAFETY DATA SHEET

SDS PREP DATE: 5/3/2018

SDS REVISION DATE: 5/3/2018

**3137 E. 26th Street  
Vernon, CA 90058  
(323) 266-7111**

**Product ID: 33876**

**24-Hour Emergency Telephone: (800) 255-3924**

Vapor Pressure for Product: N/D

Vapor Density for Product: N/D

Specific Gravity: N/D

V.O.C.: N/D

Water Solubility: N/D

Appearance: AEROSOL SPRAY

PH: NUETRAL

### Section 10: Stability and Reactivity

STABILITY: Stable

CONDITIONS TO AVOID: Temperatures above 130 degree F.

HAZARDOUS POLYMERIZATION: Will not occur

MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: None

### Section 11: Toxicological Information

CUSTOMER SUPPLIED MATERIAL <NOT ESTABLISHED>  
CONSULT CUSTOMER SUPPLIED MATERIAL SDS FOR COMPLETE TOXICOLOGICAL DATA

### Section 12: Ecological Information

CUSTOMER SUPPLIED MATERIAL <NOT ESTABLISHED>  
CONSULT CUSTOMER SUPPLIED MATERIAL SDS FOR COMPLETE ECOLOGICAL DATA

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified in Section III with an "\*\*". Additional ecological information is Not Determined.

### Section 13: Disposal Information

WASTE DISPOSAL METHOD: Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers can not be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

### Section 14: Transportation Information

DOT Proper Shipping Name: UN1950

Aerosols, flammable, (each not exceeding 1L)

## SAFETY DATA SHEET

SDS PREP DATE: 5/3/2018

SDS REVISION DATE: 5/3/2018

**Product ID: 33876**

**3137 E. 26th Street  
Vernon, CA 90058  
(323) 266-7111**

**24-Hour Emergency Telephone: (800) 255-3924**

capacity) 2.1

### Section 15: Regulatory Information

	CAS#	PEL	TLV
CUSTOMER SUPPLIED MATERIAL	<NOT ESTABLISHED>	<NOT ESTABLISHED>	<NOT ESTABLISHED>
HYDROCARBON PROPELLANT	68476-86-8	NO DATA	NO DATA

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified above with an "\*"

All material components are listed in the U.S. TSCA inventory.

### Section 16: Other Information

Consumer Product Safety Act Certificaton.

This product was evaluated by the Company listed above and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act, and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location identified on the SDS. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above mentioned regulation.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

# SAFETY DATA SHEET

QX9

## Section 1. Identification

**Product Identifier:** QX9  
**Other Means of Identification:** Surfactant  
**Product Type:** Liquid  
**Recommended Uses and:** Multi-purpose surfactant blend  
**Restrictions on use:** None known

**Supplier's Details:** WIN MANUCO LTD  
 3465 Mainway  
 Unit #1  
 Burlington, ON  
 L7M 1A9  
 Tel: 905-331-5325  
 Toll Free: 888-203-6333  
 Fax: 905-331-4750  
 www.vitechinternational.com

**Emergency Telephone:** CHEMTREC, U.S.: 1-800-424-9300 International: +1-703-527-3887  
**Number**

## Section 2. Hazards Identification

**OSHA/HCS Status:** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the:** ACUTE TOXICITY (dermal) – Category 4  
**Substance or mixture** SERIOUS EYE DAMAGE/EYE IRRITATION – Category 1

### GHS Label Elements

**Hazard pictograms:**



**Signal Word:** Danger  
**Hazard Statements:** Harmful in contact with skin  
 Causes serious eye damage

### Precautionary Statements

**Prevention:** Wear protective gloves/protective clothing. Wear eye or face protection.

**Response:** IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or a doctor/physician if you feel unwell. Wash contaminated clothing before reuse.

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.

**Storage:** Not Applicable

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazards Not Otherwise Classified:** None Known

### Section 3. Composition/Information on Ingredients

**Substance/mixture:** Mixture

Chemical Name	%	CAS Number
Proprietary ingredient 1	Proprietary	-
Proprietary ingredient 2	Proprietary	-

The chemical identity and exact percentage of the composition has been withheld as it is a trade secret.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

### Section 4. First Aid Measures

#### Description of Necessary First Aid Measures

**Eye Contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Skin Contact:** Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Ingestion:** Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Most Important Symptoms/Effects, Acute and Delayed****Potential Acute Health Effects**

<b>Eye Contact:</b>	Causes serious eye damage
<b>Inhalation:</b>	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
<b>Skin Contact:</b>	Harmful in contact with skin. May cause mild skin irritation.
<b>Ingestion:</b>	May be irritating to mouth, throat and stomach

**Over Exposure Signs/Symptoms**

<b>Eye Contact:</b>	Adverse symptoms may include the following: Pain or irritation Watering Redness
<b>Inhalation:</b>	No known significant effects or critical hazards.
<b>Skin Contact:</b>	Adverse symptoms may include the following: Irritation Redness
<b>Ingestion:</b>	May be irritating to mouth, throat and stomach

**Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary**

<b>Notes to Physician:</b>	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
<b>Specific Treatments:</b>	No specific treatment
<b>Protection of First Aiders:</b>	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

**Section 5. Fire-Fighting Measures****Extinguishing Media**

<b>Suitable extinguishing media</b>	Use an extinguishing agent suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	None known

**Specific Hazards Arising from the chemical** No specific fire or explosion hazard

<b>Hazardous thermal decomposition products</b>	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides hydrogen chloride methyl chloride
---	---

**Special protective actions for fire-fighters** No special measures are required.

**Special protective equipment for fire-fighters** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.



## Section 6. Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures

**For non-emergency:  
Personnel** No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders:** If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental Precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and Materials for Containment and Cleaning Up

**Spill:** Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and Storage

### Precautions for Safe Handling

**Protective Measures:** Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on General:  
occupational hygiene** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

**Conditions for Safe:  
Storage, including any  
Incompatibilities** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure Controls/ Personal Protection

### Control Parameters

**Occupational Exposure:  
Limits** None

**Appropriate Engineering:  
Controls** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental Exposure:  
Controls** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

### Individual Protection Measures

**Hygiene Measures:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/Face Protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

### Skin Protection

**Hand Protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body Protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other Skin Protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory Protection:** Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9. Physical and Chemical Properties

### Appearance

<b>Physical State:</b>	Liquid. [Clear to slightly turbid]
<b>Color:</b>	Light yellow
<b>Odor:</b>	Not available
<b>Odor Threshold:</b>	Not available
<b>pH:</b>	6 to 9 [as is]
<b>Melting/Freezing Point:</b>	Not available
<b>Boiling Point/Range:</b>	Not available
<b>Flash Point:</b>	>93.3°C (>200°F)
<b>Evaporation Rate:</b>	>1 (Butyl acetate = 1)
<b>Flammability (solid, gas):</b>	Not available
<b>Lower and Upper Explosive: (flammable) Limits</b>	Not available
<b>Vapor Pressure:</b>	<0.013kPa (<0.1mmHg) [room temperature]
<b>Vapor Density:</b>	>1 [Air = 1]
<b>Relative Density:</b>	0.97 – 1.01
<b>Solubility:</b>	Easily soluble in the following materials: water
<b>Partition Coefficient: n-octanol/water</b>	Not available
<b>Auto-Ignition Temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity:</b>	Not available

## Section 10. Stability and Reactivity

<b>Reactivity:</b>	No specific test data related to reactivity available for this product or its ingredients
<b>Chemical Stability:</b>	The product is stable
<b>Possibility of Hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to Avoid:</b>	No specific data.
<b>Incompatible Materials:</b>	Reactive or incompatible with the following materials: strong oxidizing materials.
<b>Hazardous Decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological Information

### Information on toxicological effects

#### Acute toxicity

Product/Ingredient Name	Result	Species	Dose	Exposure
Proprietary ingredient 1	LD50 Oral LD50 Dermal	Rat Rabbit	>2000 mg/kg 1000-2000 mg/kg	- -

Proprietary ingredient 2	LD50 Oral LD50 Dermal	Rat Rabbit	>2000 mg/kg 1000-2000 mg/kg	- -
--------------------------	--------------------------	---------------	--------------------------------	--------

**Irritation/Corrosion**

There is no data available

**Sensitization**

Not a skin sensitizer based on components.

**Carcinogenicity**

No components are listed as carcinogens by IARC, ACGIH, OSHA or NTP above the threshold of 0.1%

**Specific Target Organ Toxicity (single exposure)**

There is no data available

**Specific Target Organ Toxicity (repeated exposure)**

There is no data available

**Aspiration Hazard**

There is no data available

**Information on the likely routes of exposure:** Dermal contact. Eye contact. Inhalation. Ingestion.

**Potential Acute Health Effects**

**Eye contact:** Causes serious eye damage  
**Inhalation:** Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.  
**Skin Contact:** Harmful in contact with skin. May cause mild skin irritation.  
**Ingestion:** May be irritating to mouth, throat and stomach.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Eye Contact:** Adverse symptoms may include the following:  
Pain or irritation  
Watering  
Redness  
**Inhalation:** No known significant effects or critical hazards.  
**Skin Contact:** Harmful in contact with skin. Adverse symptoms may include the following:  
Irritation  
redness  
**Ingestion:** May be irritating to mouth, throat and stomach.

**Delayed and immediate effects and also chronic effects from short and long term exposure****Short term exposure**

**Potential immediate effects:** No known significant effects or critical hazards.  
**Potential delayed effects:** No known significant effects or critical hazards.

**Long term exposure**

**Potential immediate effects:** No known significant effects or critical hazards.  
**Potential delayed effects:** No known significant effects or critical hazards.

**Potential chronic health effects**

**General:** No known significant effects or critical hazards.  
**Carcinogenicity:** No known significant effects or critical hazards.  
**Mutagenicity:** No known significant effects or critical hazards.  
**Teratogenicity:** No known significant effects or critical hazards.  
**Developmental effects:** No known significant effects or critical hazards.  
**Fertility effects:** No known significant effects or critical hazards.

**Numerical measures of toxicity**

**Acute toxicity estimates** There is no data available.

## Section 12. Ecological Information

### Toxicity

Product/ingredient name	Result	Species	Exposure
Proprietary ingredient 1	Acute LC50 = 9.2mg/L	Daphnia Magna	48 hours
Proprietary ingredient 2	Acute LC50 = 4.6mg/L Acute LC50 = 4.1mg/L EC50 = 2.8mg/L	Fathead Minnow Daphnia Magna Green Algae	96 hours 48 hours 96 hour

**Persistence and Degradability:** Readily biodegradable (OECD 301D)

**Bioaccumulative Potential:** There is no data available

### Mobility in Soil

**Soil/water partition coefficient:  
(K<sub>oc</sub>)** Not available

**Other adverse effects:** No known significant effects or critical hazards.

## Section 13. Disposal Considerations

**Disposal Methods:** The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport Information

	TDG/DOT Classification	IMDG	IATA
UN Number	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name	-	-	-
Transport Hazard Class(es)	-	-	-
Packing Group	-	-	-
Environmental Hazards	No	No	No
Additional Information	-	-	-

**Transport in bulk according:** Not available  
To Annex II of MARPOL  
73/78 and the IBC Code

**Special precautions for user:** Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do

in the event of an accident or spillage.

## Section 15. Regulatory Information

**U.S. Federal Regulations:** **United States Inventory (TSCA):** All components are listed or exempted

**Clean Air Act Section 112:** Not listed

**(b) Hazardous Air  
Pollutants (HAPS)**

**Clean Air Act Section 602:** Not listed

**Class I Substances**

**Clean Air Act Section 602:** Not listed

**Class II Substances**

**DEA List I Chemicals:** Not listed

**(Precursor Chemicals)**

**DEA List II Chemicals:** Not listed

**(Essential Chemicals)**

### SARA 302/304

#### Composition/Information on Ingredients

Not listed

### SARA 311/312

**Classification:** See Section 2 for more information

**California Proposition 65:** Components: 1,4-Dioxane CAS#: 123-91-1

Vitech International's QX9 may contain detectable quantities of 1,4-Dioxane which is a chemical on the California Prop 65 list. Levels are typically low PPM's but may vary. Vitech believes that if formulated properly, the levels in this product should not cause a finished product to exceed the daily exposure limits. Please consult Vitech in order to obtain information and assistance in meeting your requirements under the Prop 65 requirements for your finished formulation(s).

### International Lists

#### National Inventory

**Australia (AICS):** All components are listed or exempted.

**Canada (DSL):** All components are listed or exempted.

**China (IECSC):** All components are listed or exempted.

**Europe (EINECS):** One or more components are not listed.

**Japan (ENCS):** All components are listed or exempted.

**New Zealand (NZIoC):** All components are listed or exempted.

**Philippines (PICCS):** All components are listed or exempted.

**Republic of Korea (KECL):** All components are listed or exempted.

**Taiwan (NECI):** All components are listed or exempted.

## Section 16. Other Information

### History

**Date of issue mm/dd/yyyy:** 11/19/2019  
**Date of previous issue:** 12/10/2014  
**Version:** 2  
**Revised Section(s):** 15  
**Prepared by:** Win Manuco Ltd.

“The technical source for innovative solutions”

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Disclaimer:** As the handling and use of products under user's conditions are beyond our control, no warranty, expressed or implied, including, but not limited to merchantability or fitness for a particular use, is made concerning this product. The user assumes all risk of use or handling whether or not in accordance with any directions or suggestions of the supplier. Seller shall not be liable to purchaser or any other person for loss or damages directly or indirectly arising from the use of our products, from breach of any warranty or from any other cause, the exclusive remedy against the seller being to require replacement or repair of defective goods.