



## SAFETY DATA SHEET VITAL FRESH KITCHN TRIGGER

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** VITAL FRESH KITCHN TRIGGER

**Product number** 800-277-0200

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Detergent.

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** COVENTRY CHEMICALS LTD  
WOODHAMS RD  
SISKIN DRIVE  
COVENTRY  
CV3 4FX  
Tel: +44 (0) 02476639739  
Fax: +44 (0) 02476639717  
Email: sales@coventrychemicals.com

**Contact person** For content of safety data sheet: sds@coventrychemicals.com

#### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** -

#### 2.2. Label elements

**Hazard statements** NC Not Classified

**Precautionary statements** P102 Keep out of reach of children.  
P262 Do not get in eyes, on skin, or on clothing.  
P264 Wash contaminated skin thoroughly after handling.  
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.

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**Detergent labelling** < 5% disinfectants, < 5% EDTA and salts thereof, < 5% non-ionic surfactants

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

2-(2-BUTOXYETHOXY)ETHANOL			<1%
CAS number: 112-34-5	EC number: 203-961-6	REACH registration number: 01-2119475104-44-xxxx	
Classification		Classification (67/548/EEC or 1999/45/EC)	
Eye Irrit. 2 - H319		Xi;R36	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	May cause temporary eye irritation.

#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No specific recommendations.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.
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#### 5.2. Special hazards arising from the substance or mixture

<b>Hazardous combustion products</b>	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
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#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Control run-off water by containing and keeping it out of sewers and watercourses.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

#### 6.2. Environmental precautions

**Environmental precautions** Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Provide adequate ventilation. Avoid contact with skin and eyes.

**Advice on general occupational hygiene** No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. Wash at the end of each work shift and before eating, smoking and using the toilet.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### 2-(2-BUTOXYETHOXY)ETHANOL

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

<b>DNEL</b>	General population - Oral; Long term systemic effects: 25 mg/kg/day General population - Inhalation; Long term local effects: 0.6 mg/m <sup>3</sup> General population - Inhalation; Short term local effects: 1.2 mg/m <sup>3</sup> Workers - Inhalation; Long term local effects: 1.5 mg/m <sup>3</sup> Workers - Inhalation; Short term local effects: 3 mg/m <sup>3</sup>
<b>PNEC</b>	- Fresh water; 2.2 mg/l - Marine water; 0.22 mg/l - Intermittent release; 1.2 mg/l - STP; 43 mg/l - Soil; 0.72 mg/kg

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### 2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

#### DNEL

Workers - Inhalation; Long term systemic effects: 67.5 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term local effects: 67.5 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 20 mg/kg/day  
 General population - Inhalation; Long term systemic effects: 34 mg/m<sup>3</sup>  
 General population - Inhalation; Long term local effects: 34 mg/m<sup>3</sup>  
 General population - Inhalation; Short term local effects: 34 mg/m<sup>3</sup>  
 General population - Inhalation; Short term local effects: 50.6 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 10 mg/kg/day  
 General population - Oral; Long term systemic effects: 1.25 mg/kg/day

#### PNEC

- Fresh water; 1 mg/l  
 - Marine water; 0.1 mg/l  
 - Intermittent release; 3.9 mg/l  
 - STP; 200 mg/l  
 - Sediment (Freshwater); 4 mg/kg  
 - Sediment (Marinewater); 0.4 mg/kg  
 - Soil; 0.4 mg/kg

### SODIUM CARBONATE (CAS: 497-19-8)

#### DNEL

Workers - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>  
 General population - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>

## 8.2. Exposure controls

### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation.

#### Eye/face protection

No specific eye protection required during normal use.

#### Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

#### Other skin and body protection

Use barrier creams to prevent skin contact. Wear appropriate clothing to prevent repeated or prolonged skin contact.

#### Hygiene measures

When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

#### Respiratory protection

Respiratory protection not required.

#### Environmental exposure controls

Avoid release to the environment. Users should be aware of environmental considerations and their duties under the environmental protection act. Further information may be found on Government websites: [www.dti.gov.uk/access/index/htm](http://www.dti.gov.uk/access/index/htm) and [www.envirowise.gov.uk](http://www.envirowise.gov.uk).

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Odour	Perfumed.
Odour threshold	Not applicable.

## VITAL FRESH KITCHN TRIGGER

<b>pH</b>	pH (concentrated solution): 10.5 - 11.5
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	Not applicable.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	Not applicable.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.010 - 1.020
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Soluble in water.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not applicable.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not applicable
<b>Oxidising properties</b>	Not applicable.
<b>Comments</b>	Information given is applicable to the product as supplied.

### 9.2. Other information

<b>Other information</b>	Not relevant.
<b>Refractive index</b>	2.0 - 4.0

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Not applicable.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid exposure to high temperatures or direct sunlight.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended.
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## SECTION 11: Toxicological information

## VITAL FRESH KITCHN TRIGGER

### 11.1. Information on toxicological effects

<b>General information</b>	This product has low toxicity.
<b>Inhalation</b>	No specific health hazards known.
<b>Ingestion</b>	May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.
<b>Skin contact</b>	Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.
<b>Eye contact</b>	May cause temporary eye irritation.

### SECTION 12: Ecological Information

<b>Ecotoxicity</b>	There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.
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#### 12.1. Toxicity

<b>Toxicity</b>	Not considered toxic to fish.
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#### 12.2. Persistence and degradability

<b>Persistence and degradability</b>	There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.
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#### 12.3. Bioaccumulative potential

<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
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#### 12.4. Mobility in soil

<b>Mobility</b>	The product is water-soluble and may spread in water systems.
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#### 12.5. Results of PBT and vPvB assessment

<b>Results of PBT and vPvB assessment</b>	This product does not contain any substances classified as PBT or vPvB.
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#### 12.6. Other adverse effects

<b>Other adverse effects</b>	None known.
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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

<b>General information</b>	Do not discharge into drains or watercourses or onto the ground.
<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Packaging is recyclable. Wash out containers with water before disposal.

### SECTION 14: Transport information

<b>Road transport notes</b>	Not classified.
<b>Rail transport notes</b>	Not classified.
<b>Sea transport notes</b>	Not classified.

## VITAL FRESH KITCHN TRIGGER

**Air transport notes** Not classified.

**14.1. UN number**

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

**14.4. Packing group**

**14.5. Environmental hazards**

**14.6. Special precautions for user**

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

### SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**National regulations** The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).  
EH40/2005 Workplace exposure limits.

**EU legislation** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

**Guidance** Workplace Exposure Limits EH40.  
COSHH Essentials.  
ECHA Guidance on the Application of the CLP Criteria.  
ECHA Guidance on the compilation of safety data sheets.

**15.2. Chemical safety assessment**

Currently we do not have information from our suppliers about this.

### SECTION 16: Other information

**Abbreviations and acronyms used in the safety data sheet** PBT Persistent Bio-accumulative and Toxic  
vPvB very Persistent, very Bio-accumulative

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

**Revision date** 08/08/2016

**Revision** 1

**SDS number** 21403

**Risk phrases in full** R36 Irritating to eyes.

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