



## SAFETY DATA SHEET

### one3five bio

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

##### 1.1. Product identifier

Product name                    one3five bio  
 Product number                C050 EV  
 Internal identification        Janitorial

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

Identified uses                Powdered Detergent. for Laundry industry

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

###### Supplier

Evans Vanodine International  
 Brierley Road  
 Walton Summit  
 Preston. UK. PR5 8AH  
 Tel: 01772 322 200  
 Fax: 01772 626 000  
 qclab@evansvanodine.co.uk

##### 1.4. Emergency telephone number

Emergency telephone        New Safety Data Sheets - 8.30am to 4.45pm - 01772 322 200 - Mon to Fri. (Also available 24/7 from our website [www.evansvanodine.co.uk](http://www.evansvanodine.co.uk)) Technical Advice - 8.30am to 4.45pm - 01772 318 818 - Mon to Fri

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

Physical hazards                Not Classified  
 Health hazards                 Eye Irrit. 2 - H319  
 Environmental hazards        Not Classified

##### 2.2. Label elements

###### Pictogram



Signal word                      Warning  
 Hazard statements             H319 Causes serious eye irritation.

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<b>Precautionary statements</b>	<p>P102 Keep out of reach of children.</p> <p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P264 Wash hands thoroughly after handling.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p>
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### 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

<b>SODIUM CARBONATE</b>	<b>15-20%</b>
CAS number: 497-19-8	EC number: 207-838-8
<b>Classification</b>	
Eye Irrit. 2 - H319	
<b>SODIUM PERCARBONATE</b>	<b>5-10%</b>
CAS number: 15630-89-4	EC number: 239-707-6
<b>Classification</b>	
Ox. Sol. 3 - H272	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
<b>ALKYL BENZENE SULPHONIC ACID, Na-SALT</b>	<b>3-5%</b>
CAS number: 85117-50-6	EC number: 285-600-2
<b>Classification</b>	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
<b>C12-15 ALCOHOL ETHOXYLATE (7EO)</b>	<b>1-3%</b>
CAS number: 68131-39-5	
M factor (Acute) = 1	
<b>Classification</b>	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
Aquatic Acute 1 - H400	

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

**Composition comments** Classification is by Read-Across from similar formulations for which test data is available.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

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<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Give plenty of water to drink. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Wash with plenty of water.
<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 any discomfort continues.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known. But - May cause discomfort if swallowed.
<b>Skin contact</b>	No specific symptoms known. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin.
<b>Eye contact</b>	May cause temporary eye irritation. Prolonged contact may cause redness and/or tearing.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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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.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours.
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### 5.3. Advice for firefighters

<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

<b>Personal precautions</b>	Avoid contact with eyes. Avoid inhalation of dust. For personal protection, see Section 8.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Small Spillages: Flush away spillage with plenty of water. Large Spillages: Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8.
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## SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

**Usage precautions**                      Avoid contact with eyes. Avoid inhalation of dust.

### 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.

**Usage description**                      See Product Information Sheet & Label for detailed use of this product.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### **SODIUM CARBONATE**

Long-term exposure limit (8-hour TWA): WEL    5 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

### 8.2. Exposure controls

**Appropriate engineering controls**                      Use mechanical ventilation if there is a risk of handling causing formation of airborne dust.

**Eye/face protection**                      No specific eye protection required during normal use.

**Hand protection**                      No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin.

**Other skin and body protection**                      None required.

**Respiratory protection**                      Respiratory protection not required.

## SECTION 9: Physical and Chemical Properties

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

**Appearance**                      Powder.

**Colour**                      White. with Blue. speckles

**Odour**                      Perfume.

**pH**                      pH (diluted solution): 10.3 - 10.7 @ 1%

**Melting point**                      Not applicable.

**Initial boiling point and range**                      Not applicable.

**Flash point**                      Not applicable.

**Relative density**                      Not applicable.

**Solubility(ies)**                      Soluble in water.

### 9.2. Other information

**Other information**                      None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

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**Reactivity** There are no known reactivity hazards associated with this product. The product will harden into a solid mass in contact with water and moisture.

### 10.2. Chemical stability

**Stability** No particular stability concerns.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** See sections 10.1, 10.4 & 10.5

### 10.4. Conditions to avoid

**Conditions to avoid** There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

**Materials to avoid** Strong acids. Aluminium, Tin, Zinc and their alloys.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Not known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

**Other health effects** Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 3,435.37059737

## SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment.

### 12.1. Toxicity

**Toxicity** We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

### 12.2. Persistence and degradability

**Persistence and degradability** This product, at use dilutions, is readily broken down in biological effluent treatment plants.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

### 12.4. Mobility in soil

**Mobility** Not known.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

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**Other adverse effects**                      Not known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods**                      Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.

### SECTION 14: Transport information

**General**                                      Not classified for Transport.

#### 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 MARPOL and the IBC Code

### SECTION 15: Regulatory information

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

**EU legislation**                              Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 2015/830 (which amends Regulation (EC) No 453/2010 & 1907/2006).  
The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.  
Ingredients are listed with classification under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

### SECTION 16: Other information

**Abbreviations and acronyms used in the safety data sheet**                      PBT: Persistent, Bioaccumulative and Toxic substance.  
vPvB: Very Persistent and Very Bioaccumulative.  
ATE: Acute Toxicity Estimate.  
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.  
GHS: Globally Harmonized System.

**Classification abbreviations and acronyms**                      Acute Tox. = Acute toxicity  
Eye Dam. = Serious eye damage  
Eye Irrit. = Eye irritation  
Aquatic Acute = Hazardous to the aquatic environment (acute)  
Ox. Sol. = Oxidising solid  
Skin Irrit. = Skin irritation

**Key literature references and sources for data**                      Material Safety Data Sheet, Miscellaneous manufacturers. CLP Class - Table 3.1 List of harmonised classification and labeling of hazardous substances. ECHA - C&L Inventory database.

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<b>Classification procedures according to Regulation (EC) 1272/2008</b>	Classification is by Read-Across from similar formulations for which test data is available.
<b>Revision comments</b>	Safety Data Sheet amended in accordance with REACH Commission Regulation (EU) No 2015/830 amendment. (Changes to Sections 2,3,15&16)
<b>Revision date</b>	01/06/2018
<b>Revision</b>	7
<b>SDS status</b>	The Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Hazard Statements relating to this Product see Section 2.
<b>Hazard statements in full</b>	H272 May intensify fire; oxidiser. H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life.