



# one3five bio

<b>SODIUM CARBONATE</b>	<b>10-20%</b>
<b>CAS-No.: 497-19-8</b>	<b>EC No.: 207-838-8</b>
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36
<b>SODIUM PERCARBONATE</b>	<b>5-10%</b>
<b>CAS-No.: 15630-89-4</b>	<b>EC No.: 239-707-6</b>
Classification (EC 1272/2008) Ox. Liq. 2 - H272 Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41. O;R8.
<b>ALKYL BENZENE SULPHONIC ACID, Na-SALT</b>	<b>1-5%</b>
<b>CAS-No.: 85117-50-6</b>	<b>EC No.: 285-600-2</b>
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41,R38.
<b>C12-15 ALCOHOL ETHOXYLATE (7EO)</b>	<b>1-5%</b>
<b>CAS-No.: 68131-39-5</b>	<b>EC No.:</b>
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R22. Xi;R41. N;R50.
<b>Enzymes</b>	<b>0-1%</b>
<b>CAS-No.: 9014-01-1</b>	<b>EC No.:</b>
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Resp. Sens. 1 - H334 STOT SE 3 - H335	Classification (67/548/EEC) Xi;R37/38,R41. R42.

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

## Composition Comments

The ingredients are present in non-hazardous concentrations.

## SECTION 4: FIRST AID MEASURES

## 4.1. Description of first aid measures

### **Inhalation**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

### **Ingestion**

DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

### **Skin contact**

Wash skin with soap and water.

### **Eye contact**

Promptly wash eyes with plenty of water while lifting the eye lids.

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

### **General information**

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

### **Inhalation.**

No specific symptoms noted.

### **Ingestion**

No specific symptoms noted. But - May cause discomfort if swallowed.

### **Skin contact**

No specific symptoms noted. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin.

### **Eye contact**

No specific symptoms noted. But prolonged eye contact may lead to the product affecting the natural lubrication provided by the mucous membranes.

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

Treat Symptomatically.

## **SECTION 5: FIREFIGHTING MEASURES**

### 5.1. Extinguishing media

#### **Extinguishing media**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

### 5.2. Special hazards arising from the substance or mixture

#### **Specific hazards**

When heated and in case of fire, harmful vapours/gases may be formed.

### 5.3. Advice for firefighters

#### **Protective equipment for fire-fighters**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

No special protective clothing. (See Sec 8) Avoid inhalation of dust.

### 6.2. Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

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

Small quantities may be flushed to drains with plenty of water. Large Spillages: Pick up with vacuum or absorbent solid, store in closed container for disposal.

### 6.4. Reference to other sections

For personal protection, see section 8.

## **SECTION 7: HANDLING AND STORAGE**

## 7.1. Precautions for safe handling

Avoid inhalation of dust.

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

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

## 7.3. 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

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
SODIUM CARBONATE	WEL		5 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

### **Ingredient Comments**

STEL= Short-Term Exposure Limit (15 minute) & TWA = Time Weighted Average (8 hours).

### 8.2. Exposure controls

#### **Engineering measures**

Provide sufficient ventilation for operations causing dust formation.

#### **Respiratory equipment**

Respiratory protection not required.

#### **Hand protection**

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

#### **Eye protection**

None required.

#### **Other Protection**

None required.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance</b>	Powder.
<b>Colour</b>	White. with Blue. speckles
<b>Odour</b>	Perfume.
<b>Solubility</b>	Soluble in water.
<b>Initial boiling point and boiling range</b>	N/A
<b>Melting point (°C)</b>	N/A
<b>Relative density</b>	N/A
<b>pH-Value, Diluted Solution</b>	10.3 - 10.7 @ 1%
<b>Flash point</b>	N/A

### 9.2. Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

## **10.2. Chemical stability**

No particular stability concerns.

## **10.3. Possibility of hazardous reactions**

See sections 10.1, 10.4 & 10.5

## **10.4. 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**

Not known.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

#### **Toxicological information**

We have not carried out any animal testing, therefore we have no Toxicological Data specifically for this product. The Toxicological Data, where provided by the raw material manufacturer, can be made available on request.

#### **Other Health Effects**

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

## **SECTION 12: ECOLOGICAL INFORMATION**

### **Ecotoxicity**

Not regarded as dangerous for the environment.

### **12.1. 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**

#### **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**

This product does not contain any PBT or vPvB substances.

### **12.6. Other adverse effects**

Not known.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

## 13.1. Waste treatment 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 MARPOL73/78 and the IBC Code

## SECTION 15: REGULATORY INFORMATION

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

#### **Guidance Notes**

Workplace Exposure Limits EH40.

#### **EU Legislation**

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under CHIP Directive 1999/45/EEC Classification, Packaging & Labelling of Dangerous Preparations. Ingredients are listed with classification under both CHIP - Directive 67/548/EEC - classification, packaging & labelling of dangerous substances & GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

### 15.2. Chemical Safety Assessment

Not applicable this product is a mixture.

## SECTION 16: OTHER INFORMATION

#### **Information Sources**

Material Safety Data Sheet, Misc. manufacturers. CLP Class - Table 3.1 List of harmonised classification and labelling of hazardous substances. CHIP Class - Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

#### **Revision Comments**

New Format Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). - No change in Product Classification - Main change is the move of Labelling elements from Section 15 to Section 2 & Section 3 now has a different layout for the Ingredients and lists their classification in both CHIP & CLP format.

**Revision Date** 01/10/12

**Revision** Issue 5

**Safety Data Sheet Status** The Risk Phrases / 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 Risk Phrases / Hazard Statements relating to this Product see Section 2.

## Risk Phrases In Full

R8	Contact with combustible material may cause fire.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R37/38	Irritating to respiratory system and skin.
R38	Irritating to skin.
R42	May cause sensitisation by inhalation.
NC	Not classified.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.

## Hazard Statements In Full

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H302	Harmful if swallowed.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H272	May intensify fire; oxidiser.
H400	Very toxic to aquatic life.