

*SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006*

## **SODIUM SESQUICARBONATE (CREX)**

Version 2.0

Print Date 2011/11/16

Revision Date 2011/11/16

**MSDS code: MSSC001**

### **1. Identification of the substance/mixture and of the company/undertaking**

#### **1.1. Product identifier**

Trade name : SODIUM SESQUICARBONATE (CREX)

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

Use of the Substance/Mixture : At this time we do not yet have information on identified uses. They will be included in this safety data sheet when available.

Uses advised against : At this moment we have not identified any uses advised against

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

Company : Brenntag UK & Ireland  
Albion House, Rawdon Park  
GB LS19 7XX Leeds Yeadon

Telephone : 0113 3879 200  
Telefax : 0113 3879 280  
E-mail address : msds@brenntag.co.uk

#### **1.4. Emergency telephone number**

Emergency telephone number : Emergency only telephone number (open 24 hours):  
01865 407333 (N.C.E.C. Culham)

### **2. Hazards identification**

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

##### **Classification according to EU Directives 67/548/EEC or 1999/45/EC**

1999/45/EC  
Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

##### **Most important adverse effects**

Human Health : See section 11 for toxicological information.

Physical and chemical hazards : See section 9 for physicochemical information.  
See section 12 for environmental information.

Potential environmental effects : See section 12 for environmental information.  
No further information available.

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

## SODIUM SESQUICARBONATE (CREX)

Version 2.0

Print Date 2011/11/16

Revision Date 2011/11/16

MSDS code: MSSC001

### 2.2. Label elements

Labelling according to EC Directives 67/548/EEC or 1999/45/EC

#### Additional Labelling:

Safety data sheet available on request for professional users.

#### Other labelling information:

Further information : Handle in accordance with good industrial hygiene and safety practice.

### 2.3. Other hazards

For Results of PBT and vPvB assessment see section 12.5.

The product does not need to be labelled in accordance with EC directives or respective national laws.

## 3. Composition/information on ingredients

### 3.2. Mixtures

Hazardous components	Amount [%]	Classification (REGULATION (EC) No 1272/2008)		Classification (67/548/EEC)
		Hazard class / Hazard category	Hazard statements	
<b>sodium carbonate</b>				
Index-No. : 011-005-00-2		Eye Irrit.2	H319	Xi; R36
CAS-No. : 497-19-8				
EC-No. : 207-838-8	10			
C&L-No. : 02-2119752462-40-0000				

Remarks : No dangerous ingredients according to Regulation (EC) No. 1907/2006

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

**Non-hazardous component**

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

## SODIUM SESQUICARBONATE (CREX)

Version 2.0

Print Date 2011/11/16

Revision Date 2011/11/16

MSDS code: MSSC001

Chemical Name	Identification Number	Amount [%]
Trisodium hydrogencarbonate	CAS-No. : 533-96-0	> 80
	EC-No. : 208-580-9	
Sodium hydrogencarbonate	CAS-No. : 144-55-8	6
	EC-No. : 205-633-8	
	C&L-No. : 02-2119752794-27-0000	

### 4. First aid measures

#### 4.1. Description of first aid measures

- General advice : No special precautions required.
- If inhaled : Remove to fresh air. Keep at rest. If symptoms persist, call a physician.
- In case of skin contact : Wash off with soap and water. If skin irritation persists, call a physician.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. Remove contact lenses. Seek medical advice.
- If swallowed : Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do NOT induce vomiting.

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

- Symptoms : No further information available.
- Effects : No further information available.

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

- Treatment : Treat symptomatically.  
No further information available.

### 5. Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : No information available.

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

## SODIUM SESQUICARBONATE (CREX)

Version 2.0

Print Date 2011/11/16

Revision Date 2011/11/16

MSDS code: MSSC001

media

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

Specific hazards during firefighting : Under fire conditions: Carbon monoxide, Carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment.  
Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

## 6. Accidental release measures

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

Personal precautions : Use personal protective equipment. Avoid contact with skin and eyes. For personal protection see section 8. Avoid dust formation.

### 6.2. Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

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

Methods and materials for containment and cleaning up : Use mechanical handling equipment. Keep in suitable, closed containers for disposal. Avoid dust formation. Sweep up or vacuum up spillage and collect in suitable container for disposal.

Further information : Treat recovered material as described in the section "Disposal considerations".

### 6.4. Reference to other sections

For personal protection see section 8.

## 7. Handling and storage

### 7.1. Precautions for safe handling

*SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006*

**SODIUM SESQUICARBONATE (CREX)**

Version 2.0

Print Date 2011/11/16

Revision Date 2011/11/16

**MSDS code: MSSC001**

Advice on safe handling : Keep container tightly closed. Handle in accordance with good industrial hygiene and safety practice. Avoid dust formation. For personal protection see section 8.

Hygiene measures : Keep away from food, drink and animal feedingstuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Provide adequate ventilation. Avoid contact with the skin and the eyes.

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

Requirements for storage areas and containers : Keep only in the original container. Keep in a dry, cool and well-ventilated place. Keep away from acids.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Further information on storage conditions : Keep tightly closed in a dry and cool place. Keep away from heat. Protect from frost.

Advice on common storage : Keep away from food, drink and animal feedingstuffs.

**7.3. Specific end uses**

Specific use(s) : No information available.

**8. Exposure controls/personal protection**

**8.1. Control parameters**

**Other Occupational Exposure Limit Values**

(Additional) Information : Contains no substances with occupational exposure limit values.

**Component:**

**Other Occupational Exposure Limit Values**

EH40 WEL, Time Weighted Average (TWA):, Inhalable dust.  
10 mg/m<sup>3</sup>, 8 h

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

## SODIUM SESQUICARBONATE (CREX)

Version 2.0

Print Date 2011/11/16

Revision Date 2011/11/16

MSDS code: MSSC001

EH40 WEL, Time Weighted Average (TWA):, Respirable dust  
4 mg/m<sup>3</sup>, 8 h

### 8.2. Exposure controls

#### Engineering measures

Ensure adequate ventilation.

#### Personal protective equipment

##### *Respiratory protection*

Advice : Required if dust is released  
Dust-mask  
Half mask with a particle filter P2 (EN 143).

##### *Hand protection*

Advice : Protective gloves

##### *Eye protection*

Advice : Safety goggles

##### *Skin and body protection*

Advice : Protective work clothing

#### Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.  
Local authorities should be advised if significant spillages cannot be contained.

## 9. Physical and chemical properties

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

Form : Crystalline powder

Colour : white

Odour : Currently we do not have any Information from our supplier about this.

Odour Threshold : Currently we do not have any Information from our

*SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006*

## **SODIUM SESQUICARBONATE (CREX)**

Version 2.0

Print Date 2011/11/16

Revision Date 2011/11/16

**MSDS code: MSSC001**

	supplier about this.
pH	: 9.6
Freezing point	: Currently we do not have any Information from our supplier about this.
Boiling point	: Currently we do not have any Information from our supplier about this.
Flash point	: Currently we do not have any Information from our supplier about this.
Evaporation rate	: Currently we do not have any Information from our supplier about this.
Flammability (solid, gas)	: Currently we do not have any Information from our supplier about this.
Upper explosion limit	: Currently we do not have any Information from our supplier about this.
Lower explosion limit	: Currently we do not have any Information from our supplier about this.
Vapour pressure	: Currently we do not have any Information from our supplier about this.
Relative vapour density	: Currently we do not have any Information from our supplier about this.
Relative density	: 2.36 (20 °C)
Water solubility	: 213.6 g/l (20 °C)
Partition coefficient: n-octanol/water	: Currently we do not have any Information from our supplier about this.
Ignition temperature	: Currently we do not have any Information from our supplier about this.
Thermal decomposition	: Currently we do not have any Information from our supplier about this.
Viscosity, dynamic	: Currently we do not have any Information from our supplier about this.
Explosivity	: Currently we do not have any Information from our

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

## **SODIUM SESQUICARBONATE (CREX)**

Version 2.0

Print Date 2011/11/16

Revision Date 2011/11/16

MSDS code: **MSSC001**

Oxidizing properties : supplier about this.  
: Currently we do not have any Information from our supplier about this.

### **9.2. Other information**

No further information available.

## **10. Stability and reactivity**

### **10.1. Reactivity**

Advice : No information available.

### **10.2. Chemical stability**

Advice : Stable under recommended storage conditions.

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

Hazardous reactions : No information available.

### **10.4. Conditions to avoid**

Conditions to avoid : WaterDecomposes on heating.

### **10.5. Incompatible materials**

Materials to avoid : No information available.

### **10.6. Hazardous decomposition products**

Hazardous decomposition products : No information available.

## **11. Toxicological information**

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

#### **Acute toxicity**

##### **Oral**

LD50 : > 4000 mg/kg (rat)



SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

## SODIUM SESQUICARBONATE (CREX)

Version 2.0

Print Date 2011/11/16

Revision Date 2011/11/16

MSDS code: MSSC001

### Irritation

#### Skin

Result : No skin irritation

#### Eyes

Result : No eye irritation

### Sensitisation

Result : No sensitizing effect known.

### Further information

Other relevant toxicity information : Handle in accordance with good industrial hygiene and safety practice.

Experience with human exposure : Health injuries are not known or expected under normal use.

## 12. Ecological information

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

#### Additional ecological information

Result : Do not flush into surface water or sanitary sewer system.  
Avoid subsoil penetration.

## 13. Disposal considerations

*SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006*

## **SODIUM SESQUICARBONATE (CREX)**

Version 2.0

Print Date 2011/11/16

Revision Date 2011/11/16

**MSDS code: MSSC001**

### **13.1. Waste treatment methods**

- Product : Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services.
- Contaminated packaging : Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. Packagings that cannot be cleaned are to be disposed of in the same manner as the product.
- European Waste Catalogue Number : No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

### **14. Transport information**

Not dangerous goods for ADR, RID and IMDG.

#### **14.1. UN number**

Not applicable.

#### **14.2. UN proper shipping name**

Not applicable.

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

Not applicable.

#### **14.4. Packaging group**

Not applicable.

#### **14.5. Environmental hazards**

Not applicable.

#### **14.6. Special precautions for user**

Not applicable.

#### **14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

IMDG : Not applicable.

*SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006*

## **SODIUM SESQUICARBONATE (CREX)**

Version 2.0

Print Date 2011/11/16

Revision Date 2011/11/16

**MSDS code: MSSC001**

### **15. Regulatory information**

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

#### **15.2. Chemical Safety Assessment**

Currently we do not have any Information from our supplier about this.

### **16. Other information**

#### **Full text of R-phrases referred to under sections 2 and 3.**

R36                      Irritating to eyes.

#### **Full text of H-Statements referred to under sections 2 and 3.**

H319                      Causes serious eye irritation.

#### **Further information**

Other information            :    The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship. The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

|| Indicates updated section.