

SAFETY DATA SHEET

CHAMPION pH INCREASER

MAAA745

1. Identification of the substance/preparation and of the company/undertaking

Product name : CHAMPION pH INCREASER **Supplier** : Brenntag UK and Ireland
 Albion House
 Rawdon Park
 Green Lane
 Yeadon
 Leeds
 LS19 7XX

Chemical product name : SODIUM CARBONATE
Synonyms : SODA ASH

EMERGENCY ONLY TELEPHONE NUMBER : (N.C.E.C. CULHAM) 01865 407333 **Telephone No.** : (0113) 3879200
Fax No. : (0113) 3879280

Formula : Na₂CO₃ **Molecular Mass** : 106.0

2. Composition/information on ingredients

Substance/Preparation : Substance

Chemical name*	CAS No.	%	EC Number	Symbol	R-Phrases
1) SODIUM CARBONATE	497-19-8	100	207-838-8	Xi	R36

* Occupational Exposure Limit(s), if available, are listed in Section 8

Composition : CONTAINS 98.0% (MIN) SODIUM CARBONATE, 0.7% (MAX) SODIUM BICARBONATE AND 0.6% (MAX) SODIUM CHLORIDE.
 POURING DENSITY: 480-600 kg/m³

CAS No. : 497-19-8
EINECS Number : 207-838-8

3. Hazards identification

Human health hazards : Irritating to eyes.

4. First-aid measures

First-Aid measures

Inhalation : Remove from exposure. Keep warm and at rest. If there is difficulty in breathing, give oxygen. If breathing stops or shows signs of failing, give artificial respiration. Do not use mouth to mouth ventilation. Obtain medical attention urgently.

Ingestion : Wash out mouth with water. Have victim drink 240-300ml of water to dilute stomach contents. Obtain medical attention. Do not induce vomiting.

Skin contact : Wash skin with water. Remove contaminated clothing as washing proceeds. Obtain medical attention if blistering occurs or redness persists.

Eye Contact : Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention urgently.

Effects and symptoms

Inhalation : Exposure to dust may have the following effects:- irritation of nose, throat and respiratory tract.

Ingestion : A large dose may have the following effects:- gastric perforation.

Skin contact : Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.

Eye Contact : Dust will cause conjunctival irritation and possibly corneal damage.

5. Fire-fighting measures

Extinguishing Media

Suitable : Not combustible. Select extinguishing agent appropriate to other materials involved.

Unusual fire/explosion Hazards : Hazardous Combustion Products : CARBON DIOXIDE

This product may give rise to hazardous fumes in a fire.

Hazardous thermal (de)composition products : Reaction with water or moist air may produce: oxides of carbon.

Special fire-fighting procedures : Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

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Protection of fire-fighters : Wear full protective clothing and self-contained breathing apparatus.

6. Accidental release measures

Personal Precautions : Wear appropriate protective clothing. Wear respiratory protection.

Environmental precautions and cleanup methods : Small spillages may be flushed with large quantities of water. Large spillages should be collected for disposal. Sweep up into suitable containers for recovery or disposal.
: Advise Authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.

7. Handling and storage

Handling : Use in well ventilated area. Keep electrical apparatus, in particular, free of dust. Avoid inhaling dust. Avoid contact with eyes, skin and clothing. Emergency shower and eye wash facilities should be readily available.

Storage : Storage area should be: cool, under cover, well ventilated. Keep containers closed to prevent ingress of moisture. Avoid storing sacks in a large stack to prevent the product from caking.

Packaging materials

Recommended use : Use original container.

8. Exposure controls/personal protection

Engineering measures : Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

Hygiene measures : Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.

Workplace Exposure Limits : Not available.

Personal protective equipment

Respiratory system : Dust respirator.

Skin and body : Wear: dust-proof overall with hood, rubber boots.

Hands : PVC or rubber gloves.

Eyes : Chemical goggles.

9. Physical and chemical properties

Physical state : Solid. Powder.

Colour : White.

Odour : Odourless.

Boiling point : 1600

Melting point : 851

Density : Not available.

Solubility : 22g/100ml

pH : Alkaline

Flash point : Not available.

10. Stability and reactivity

Stability : The product is stable.

Conditions to Avoid : Exposure to water or moisture.

Materials to avoid : Strong acids. Acid anhydrides. Aluminium. Lithium. Phosphorous pentoxide. Water.

Hazardous decomposition products : Reaction with water or moist air may produce: oxides of carbon.

11. Toxicological information

Local effects

Eye irritation : Hazardous in case of eye contact (irritant).

Acute toxicity : Oral LD50 (rat) 4090mg/kg.

12. Ecological information

Ecotoxicity : The product is rated as practically non-toxic to aquatic species. High concentrations injure aquatic life by effect on pH.

13. Disposal considerations

Methods of disposal ; Waste of residues ; Contaminated packaging : Dispose of in accordance with all applicable local and national regulations.

Waste Classification : Not applicable.


14. Transport information

International transport regulations

UN : **UN number** Non hazardous for transport.

15. Regulatory information

EU Regulations

Hazard symbol(s) : 

Classification : Irritant

Risk Phrases : R36 Irritating to eyes.

Safety Phrases : S22 Do not breathe dust.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Product Use : Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379/EEC, including amendments and the intended use.
- Consumer applications.

16. Other information

HISTORY

Date of printing : 18/02/2009.

Date of issue : 17/11/2006.

Date of previous issue : No Previous Validation.

Version : 1

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