

SAFETY DATA SHEET
ECONOMY SODA CRYSTALS HC-6456

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Identification/product Name Soda crystals, washing soda, sodium carbonate dehydrate, Hydrated soda ash
Product description A crystalline solid classified herein as a preparation containing sodium carbonate and water
Company Address **East Lancashire Chemical Company Ltd.**, Edge Lane, Droylsden, Manchester M43 6AU
Telephone 0161 371 5585
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2. COMPOSITION/INFORMATION ON INGREDIENTS

A crystalline preparation containing:
Sodium carbonate 37% Xi R36 Irritating to the eyes
Water 63%

3. HAZARDS IDENTIFICATION

An alkaline preparation which may cause skin irritation to the eyes and, on prolonged contact, to the skin
Irritating to the respiratory system

4. FIRST AID MEASURES

Inhalation Remove patient to fresh air
Keep warm and at rest
Keep patient under observation at all times
Skin contact Remove contaminated clothing
Dust off promptly and wash the skin with plenty of water until 'no' soapy feeling remains
Obtain medical attention if symptoms develop
Eye contact The eye should be thoroughly irrigated for not less than 10 minutes with clean water
Obtain medical attention, continue irrigation until medical help arrives
Ingestion Wash out mouth with water and give plenty of water or milk to drink
Do not induce vomiting
Obtain immediate medical attention if patient feels unwell
Further medical treatment Symptomatic treatment and supportive therapy as indicated

5. FIRE FIGHTING MEASURES

No specific fire fighting procedure given
Not combustible

6. ACCIDENTAL RELEASE MEASURES

In the event of accidental release wear suitable gloves and eye/face protection
The preparation can be gently brushed up and placed in suitable, dry, covered containers
The affected area can then be cleaned with water
Do not generate dust

7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes Avoid acids Wash promptly with soap and water if skin becomes contaminated Always follow good personal hygiene when working with this product Do not breathe dust
Storage	Store in a cool, well ventilated place In open containers, product may lose water of crystallization Avoid contact with aluminium, zinc, tin and their alloys

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection

Ventilation	Provide adequate general ventilation
Respiratory protection	Not necessary unless vigorous handling procedures excessive dust
Eye protection	Goggles or safety spectacles
Hand protection	Gloves unless skin contact can be avoided
Industrial hygiene	Normal standards of industrial hygiene should be observed

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White crystals
Colour	White
Odour	None
Bulk density	0.8g/ml
Solubility	Soluble in water (26% w/w wrt anhydrous salt)
Ph value	>12 (10% solution wrt anhydrous salt)
Flash point	Not relevant
Ignition temperature	Does not burn
Explosion limits	Not relevant

10. STABILITY AND REACTIVITY

Decomposition products	Loses water of crystallisation on prolonged standing in air and when heated to 32 degrees C
Hazardous reactions	Liberated carbon dioxide when mixed with acid Solution may react with new surfaces of aluminium and zinc and their alloys to produce hydrogen

11. TOXICOLOGICAL INFORMATION

Inhalation	High concentrations of dust will irritate the respiratory system
Skin contact	May cause skin irritation resulting from removal of natural greases
Eye contact	Irritating to the eyes May cause corneal damage Permanent damage is unlikely
Ingestion	Sodium carbonate is a permitted food additive. However, large doses may result in a burning sensation in the mouth and throat and corrosion of the gastrointestinal tract with nausea and vomiting

12. ECOLOGICAL INFORMATION

Environmental effects	Bases on bulk product High concentrations in receiving waters can cause long term adverse effects on the aquatic environment by raising pH
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13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, county or national legislation

14. TRANSPORT INFORMATION

Not regulated for transport

15. REGULATORY INFORMATION

This product has been classified as irritant for supply and packages will carry the following phrases:

Caution Irritant
Contains sodium carbonate

Risk phrases
Safety phrases

R36	Irritating to eyes
S2	Keep out of reach of children
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S46	If swallowed seek medical advice immediately and show this container or label

Ref: The Chemicals (Hazard Information and Packaging for Supply) Regulations 1994

16. OTHER INFORMATION

The product information on this data sheet is to the best of ELCC's knowledge correct as the date of publication. No warranty is implied with respect to the quality or the specification of the product. The user must satisfy himself/herself that the product is suitable for his/her purpose.

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