

SAFETY DATA SHEET

Product Name:

TA PLUS

SDS Reference 023

Version No. 1

Revision date

Authorisation date September 23rd, 2000

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name TA PLUS

Synonym (s) ALKALINITY INCREASER, BICARB, BAKING SODA

Company Identification PLASTICA LTD
Perimeter House,
Napier Road, Telephone +44 (0) 1424 857857
St Leonards-on-Sea, East Sussex, TN38 9NY

Emergency Telephone 0845 6013142 (24hr)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation GRANULAR SODIUM BICARBONATE (NaHCO₃)

CAS number 144-55-8

EINECS number 205-633-8

EC Index number

3. HAZARDS IDENTIFICATION

Physical & Chemical:

Health:

This chemical is low hazard. May cause slight irritation of skin, eyes and respiratory system.

Environmental:

4. FIRST AID MEASURES

General information

Inhalation Remove casualty to fresh air and provide warmth and rest. If necessary, seek medical advice.

Skin contact Remove contaminated clothing. Wash with plenty of water.

Eye contact Wash out eye thoroughly with plenty of water until irritation subsides. If irritation persists, seek medical advice.

Ingestion Do not induce vomiting. Wash mouth out with plenty of water. Drink plenty of water. If discomfort persists seek medical attention.

Further information

5. FIRE FIGHTING MEASURES

General hazard	THE PRODUCT IS NON COMBUSTIBLE
Extinguishing media	To suit local surroundings (e.g. water spray, foam, carbon dioxide, dry chemical powder)
Extinguishing media not to be used	
Special exposure hazards	The thermal decomposition products released should be considered toxic if inhaled. .
Protective equipment	Wear self-contained breathing apparatus.
Further information	

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Adhere to personal protective measures. Take up mechanically (e.g. sweep or vacuum up) into a suitable container; dispose of as prescribed. Small quantities can be expelled to drains with copious water.
Environmental considerations	
Further information	

7. HANDLING & STORAGE

Advice on safe handling	Handle in accordance with good hygiene and safety practice. Keep the raising and deposition of dust to a minimum.
Storage conditions	Ensure adequate ventilation of the storage area. Keep containers tightly closed and dry. Storage in paper or polyethylene bags is recommended.
Further information	

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls	Monitoring of the workplace should be considered in accordance with EH40 (or equivalent) controls
	LTEL (8 hour TWA): ppm 10 mg/m ³ (total inhalable dust,EH40/2000)
	LTEL (8 hour TWA): ppm 4 mg/m ³ (respirable dust, EH40/2000)
Engineering controls	Ensure adequate ventilation of working area.
Personal protection	Observe normal standards for handling chemicals. Avoid breathing dust and eye and skin contact. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles
Skin protection	Gloves
Respiratory protection	Dust mask (if ventilation is insufficient)
Other protection	Protective overall

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Crystalline powder
Colour	White
Odour	Odourless
pH	Of 50 g/l: 8.6
Boiling pt / range	°C
Melting pt / range	270 °C
Flash point	°C
Autoflammability	°C
Density	2.22 g/cm ³
Explosive limits	Lower: % (v/v) Higher: % (v/v)
Viscosity	
Water solubility	7.8 g/100g water @ 18° C
Additional information	

10. STABILITY & REACTIVITY

Stability	Stable under normal conditions of handling.
Thermal decomposition	
Conditions to avoid	
Material to avoid	The product is incompatible with acids, Monoammonium phosphate and Sodium-potassium alloys.
Hazardous reactions	
Hazardous decomposition products	None
Further information	

11. TOXICOLOGICAL INFORMATION

Acute toxicity	mg/kg
Dermal compatibility	No data available
Mucous membrane compatibility	No data available
Further information	

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12. ECOLOGICAL INFORMATION

Acute toxicity

Degradability No data available

Further information

13. DISPOSAL CONSIDERATIONS

Advice on disposal In accordance with national and local authority regulations, e.g. special waste (e.g. Special Waste Regulations, 1996) or incineration, after consultation with the operator.

Contaminated packaging Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

14. TRANSPORT INFORMATION

United Nations number The product is not classified for transport.

Packaging group

IMDG code

RID / ADR

ICAO / IATA

Marine pollutant

Proper shipping name

Emergency action code

Further information

15. REGULATORY INFORMATION

Classification & labelling In accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 99(2)], the product is not classified.

Risk phrases

Safety phrases

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16. OTHER INFORMATION

Further information

Sources of data Other suppliers' safety data sheets

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This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of PLASTICA'S limited knowledge and belief, accurate, and reliable as of the date of authorisation of this safety data sheet. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to be satisfied as to the suitability and completeness of such information for the product as used.

Data sheet prepared by Rising HS&E Services.
