



# FLYBUSTER SAFETY DATA SHEET

according to Regulation (EU) n° 453/2010

Data of issue: 15.07.2014

Rev. n° 0 - 15.07.2014

TEA SYSTEM SNC  
di Arisi C. e Marengli A.  
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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Trade name:	FLYBUSTER
Chemical identification:	yeast and sodium bicarbonate (baking powder) based aqueous suspension
Chemical type:	mixture

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

Flypaper product.

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

Company name:	TEA SYSTEM SNC di Arisi C. e Marengli A.
Address:	VIA DELLE MARGHERITE, 5 - 26022 CASTELVERDE (CR) - ITALY
Phone:	(+39) 348 7845345
E-mail:	<a href="mailto:info@teasystem.eu">info@teasystem.eu</a>

### 1.4. Emergency telephone number

(+39) 348 7845345 hours 8.00/18.00

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

The product is not classified as dangerous according to Regulation (EC) 1272/2008 (CLP) and Directives 67/548/EEC and 1999/45/EC.

### 2.2. Label elements

The product does not require a danger label according to Regulation (EC) 1272/2008 (CLP).

### 2.3. Other hazards

Contact with the eyes:	At the pH of sodium bicarbonate, yeast generates amino acids that can cause eye irritation, redness and pain.
Contact with the skin:	It may cause mild skin irritation.
Inhalation:	Development of harmful vapors is not expected under normal conditions of use and storage.
Ingestion:	It may cause abdominal pain.

Product constituents do not meet criteria for PBT or vPvB classification according to Annex XIII of Regulation (EC) 1907/2006 (REACH).

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixture

Constituents	EC no	CAS no	Classification Dir. 1967/584/EEC	Classification Reg. CLP
sodium bicarbonate	205-633-8	144-55-8	not dangerous	not dangerous
yeast	232-387-9	8013-01-2	not dangerous	not dangerous

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Contact with the eyes:	Rinse cautiously with water for several minutes, keeping eyelids open. Get medical advice.
Contact with the skin:	Remove contaminated clothing. Wash with plenty of soap and water. If irritation persists, get medical advice. Wash contaminated clothing before reuse.
Inhalation:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, get medical advice. If necessary, give oxygen. If not breathing, give artificial respiration by trained personnel.
Ingestion:	Rinse mouth with water. Do not induce vomiting. Never give oral fluid if the person is unconscious. Get medical advice.

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

See SECTION 2.3 and SECTION 11.1.

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

See SECTION 4.1.



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## SECTION 5. FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Use extinguishing agents appropriate to the source of the fire and surrounding area.

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

The product is neither flammable nor explosive. In case of fire, carbon dioxide and carbon monoxide (at air deficiency) may evolve.

### 5.3. Advice for firefighters

Move containers from fire area if it can be done without risk. Wear special protective equipment, such as boots, overalls, gloves, eye and face protection and breathing apparatus.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment, and procedures in case of emergency

Avoid breathing vapours and contact with eyes and skin. Ensure adequate ventilation. Wear appropriate personal protective equipment.

### 6.2. Environmental precautions

Prevent the product from leaking into the environment and run off into drains, surface waters and groundwater. Alert competent authorities if large amounts into drains or watercourses.

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

Cover drains. Contain the spillage with sand, sawdust or other inert absorbent materials. Transfer the product into a suitable container properly labeled. Dispose of in accordance with local and national legislation. Wash surface thoroughly with water to remove residual contamination.

### 6.4. Reference to other sections

For information on personal protection see SECTION 8. For information on disposal considerations, see SECTION 13.

## SECTION 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

The work place and work methods shall be organized in such a way that direct contact with the product is prevented or minimized. Ensure adequate ventilation. Wear appropriate personal protective equipment.

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

Keep only in the original container, tightly closed. Store in a cool, dry and well ventilated place. Avoid exposure to moisture and direct sunlight. Keep away from incompatible materials.

### 7.3. Specific end use(s)

See SECTION 1.2.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No specific occupational exposure limit values are defined for the product and/or its constituents.

### 8.2. Exposure controls

Wear personal protective equipment in accordance with standards set by European and national legislation. Consult the supplier in all cases before making a final decision.



Skin protection:	Wear normal work clothings with long sleeves.
Hand protection:	In case of prolonged and/or repeated contact, wear cotton gloves [ref. EN 374]. Since the product is a mixture of several substances, the resistance of the glove material (degradation, breakage times and permeation) should be tested before use, as it is not predictable in advance.
Eye protection:	Wear safety glasses with side shields [ref. EN 166].
Respiratory protection:	Not required under recommended conditions of use. If recommended exposure limits should be exceeded, wear a mask with type B or universal filter. The class (1, 2 or 3) should be chosen according to the limit concentration of use [ref. EN 141].



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Technical and hygienic measures:	Ensure adequate ventilation. Take the necessary precautions to maintain the levels of particles in the air below the recommended exposure limits. Install eyewash fountains in the handling area of the product. Do not eat, drink, or smoke during use. Wash hands and other exposed areas after use. Wash periodically clothes and personal protective equipment to remove contaminants. Handle in accordance with good industrial hygiene and safety practices.
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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

a) Appearance:	liquid (aqueous suspension)
b) Odour:	characteristic
c) Odour threshold:	not available
d) pH:	5.85
e) Melting/freezing point:	not available
f) Initial boiling point and boiling range:	not available
g) Flash point:	not applicable
h) Evaporation rate:	not available
i) Flammability (solid, gas):	not applicable
j) Upper/lower flammability or explosive limits:	not applicable
k) Vapour pressure:	not available
l) Vapour density:	not available
m) Relative density:	not available
n) Solubility:	completely miscible with water
o) Partition coefficient: n-octanol/water:	not available
p) Auto-ignition temperature:	not applicable
q) Decomposition temperature:	not available
r) Viscosity:	not available
s) Explosive properties:	not explosive
t) Oxidising properties:	not applicable

### 9.2. Other information

Not available.

## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

No particular danger of reaction with other substances under recommended conditions of use.

### 10.2. Chemical stability

The product is stable and does not decompose until 250 °C.

### 10.3. Possibility of hazardous reactions

Not known.

### 10.4. Conditions to avoid

Avoid exposure to moisture and direct sunlight. Keep away from incompatible materials.

### 10.5. Incompatible materials

Acids, strong oxidising agents and light metals.

### 10.6. Hazardous decomposition products

In case of thermal decomposition, carbon oxides may evolve.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### a) Acute toxicity

Oral	(rat)	LD <sub>50</sub> > 4000 mg/kg	data on "sodium bicarbonate"
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No classification of the product for acute toxicity effects.

#### b) Irritation

Cutaneous	(rabbit)	not irritant	data on "sodium bicarbonate"
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Ocular (rabbit) not irritant data on "sodium bicarbonate"  
No classification of the product for skin/eye irritation effects.

c) Corrosion

No classification of the product for skin/eye corrosion effects.

d) Sensitisation

Cutaneous (human) non sensitiser data on "sodium bicarbonate"  
No classification of the product for skin/respiratory sensitisation effects.

e) Repeated dose toxicity

No classification of the product for repeated dose toxicity effects.

f) Carcinogenicity

No classification of the product for carcinogenicity effects.

g) Mutagenicity

No classification of the product for mutagenicity effects.

h) Toxicity for reproduction

No classification of the product for reprotoxicity effects.

## SEZIONE 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Fishes	(lepomis macrochirus)	LC <sub>50</sub> = 7100 mg/l - (96 hours)	data on "sodium bicarbonate"
Invertebrates	(daphnia magna)	EC <sub>50</sub> = 4100 mg/l --- (48 hours)	data on "sodium bicarbonate"
Invertebrates	(daphnia magna)	NOEC > 576 mg/l --- (21 days)	data on "sodium bicarbonate"

No classification of the product for aquatic life effects.

### 12.2. Persistence and degradability

Not available.

### 12.3. Bioaccumulative potential

Not available.

### 12.4. Mobility in soil

The product is completely miscible with water.

### 12.5. Results of PBT and vPvB assessment

Product constituents do not meet criteria for PBT or vPvB classification according to Annex XIII of Regulation (EC) 1907/2006 (REACH).

### 12.6. Other adverse effects

Not available.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Disposal must be performed in accordance with Directive 2008/98/EC and Decision 2000/532/EC. These provisions shall also apply to contaminated packaging. It is therefore advisable to contact the authorities or authorized specialized companies that can give indications on how to dispose.

## SECTION 14. TRANSPORT INFORMATION

The product is not subject to the provisions of existing legislation governing the transport of dangerous goods by road (ADR), rail (RID), sea (IMDG Code) and air (IATA).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

Not applicable.

### 14.4. Packing group



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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 MARPOL73/78 and the IBC Code

Not applicable.

## SECTION 15. REGULATORY INFORMATION

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

The product does not contain substances of very high concern (SVHC) included in the candidate list for Authorisation according to Regulation (EC) 1907/2006 (REACH).

### 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the product.

## SECTION 16. OTHER INFORMATION

### Key references and data sources:

- Directive 67/548/EEC (and its subsequent modifications and amendments)
- Directive 1999/45/EC (and its subsequent modifications and amendments)
- IUCLID Dataset - sodium hydrogencarbonate
- Regulation (EC) 1272/2008 (CLP) (and its subsequent modifications and amendments)
- Regulation (EC) 1907/2006 (REACH) (and its subsequent modifications and amendments)
- Supplier SDS

### Acronyms:

ADR:	European agreement concerning the international carriage of dangerous goods by road
CAS:	chemical abstracts service
CLP:	classification labelling and packaging
EC <sub>50</sub> :	effective concentration for 50 percent of the organisms
EINECS:	European inventory of existing commercial chemical substances
IATA:	international air transport association
IMDG Code:	International Maritime Dangerous Goods Code
LC <sub>50</sub> :	lethal concentration for 50 percent of the organisms
LD <sub>50</sub> :	lethal dose for 50 percent of the organisms
NOEC:	no observed effect concentration
PBT:	persistent, bioaccumulative and toxic
REACH:	registration, evaluation and authorization of chemicals
RID:	regulations concerning the international carriage of dangerous goods by rail
vPvB:	very persistent and very bioaccumulative

### Notes:

The information provided in this safety data sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation and disposal and is not to be considered a warranty or quality specification. The user must verify the suitability and completeness of the information in relation to its particular use of the product.