

Product description: **SOLUDOZ MACHINE DISHWASHER
POWDER**

Safety Data Sheet

Version no. 1

91/155/CE (3APT) -ISO 11014-1

Date: 07/11/02

Page: 1/5

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/BUSINESS.

Identification of the substance or preparation

SOLUDOZ MACHINE DISHWASHER POWDER

Use of the substance/ preparation

Dishwasher powder

Code no. of product: **210450**

Identification of the company/business

PVA Hygiene

Unit 46

Oldmixon Crescent

Weston-super-Mare

BS24 9BA

Emergency telephone number:

01934-862859

2. COMPOSITION/ INFORMATION ON THE COMPONENTS

Name of preparation:

SOLUDOZ MACHINE DISHWASHER POWDER 190552

Formula

DISHWASHER POWDER

Hazardous components:

- Sodium salt of dichloroisocyanuric acid [1], potassium salt – Id. No: 613-030-00-X – CAS no:2893-78-9- EC No:220-767-7
Conc. Pds. (%) $1 < C \leq 5$ – Classification: · O; R 8 · Xn; R22 · R 31· Xi; R 36/37 · N; R 50-53 ·
- Sodium carbonate – Id. No.: 011-005-00-2-CAS no: 497-19-8 - EC No: 207-838-8
Conc. Pds (%) : $1 < C \leq 5$ – Classification: · Xi; R36 ·
- Disodium metasilicate – Id. No: 014-010-00-8 - CAS No: 6834-92-0 - EC No. 229-912-9
Conc. Pds (%) : $40 < C \leq 50$ – Classification: · C; R 34 · Xi; R 37·
- Non ionic surfactant
Conc. Pds. (%) $1 < C \leq 5$ – Symbol/s: Xi – R: 38
- Sodium tripolyphosphate – EC No: 231-838-7
Conc. Pds. (%) $30 < C \leq 40$ – Symbol/s: Xi – R: 36/37/38

3. HAZARD IDENTIFICATION

Main dangers:

Gives off toxic gas when in contact with an acid. Irritant to the respiratory tract.

Corrosive.

Specific risk/s:

Causes burns

4. FIRST AID

Product description: **SOLUDOZ MACHINE DISHWASHER
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Safety Data Sheet

Version no. 1

91/155/CE (3APT) -ISO 11014-1

Date: 07/11/02

Page: 2/5

General advice:

In case of doubt or if symptoms persist, call a doctor.

Inhalation:

In cases of accidental inhalation of fumes or decomposition products, take the victim into fresh air.

Contact with skin:

First rinse with plenty of water and if necessary go to a doctor

Contact with eyes:

In cases of contact with eyes, wash immediately with plenty of water and consult a specialist.

Ingestion:

If swallowed, consult a doctor immediately, showing him the packet or label.

5. FIRE FIGHTING MEASURES

Appropriate extinguishing methods

The product itself is not flammable. Use the extinguishing methods specific to the product causing the fire.

Extinguishing methods not to be used for safety reasons

None

Special method/s:

Have available a device to contain the run-off from the residue when the fire has been extinguished

Special risks:

In case of fire and/or explosion, do not breath the fumes.

Special protective equipment for persons charged with fighting fires

Wear personal breathing apparatus and protective clothing.

6. MEASURES TO TAKE IN CASES OF ACCIDENTAL SPILLAGE

Individual precautions.

Avoid all contact with skin, eyes or clothing. Avoid creating any dust.

Precautions to protect the environment

Do not let the product contaminate the drains.

Cleaning method/s

Small quantities: dilute with a large amount of water

Large quantities: Sweep or remove with a shovel, place in a closed container for disposal.

7. HANDLING AND STORAGE

Handling

- Precaution/s:

Avoid contact with skin and eyes

- Technical measures

Keep product in its original packaging. Keep the container tightly closed and in a dry place.

Never mix with other products.

- advice for use

Keep tightly closed when not being used

Storage

- Precaution/s:

Always keep the container tightly closed and away from damp.

- Storage condition/s

Keep in original packaging. Keep the container away from damp.

Product description: **SOLUDOZ MACHINE DISHWASHER
POWDER**

Safety Data Sheet

Version no. 1

91/155/CE (3APT) -ISO 11014-1

Date: 07/11/02

Page: 3/5

- Incompatible materials to be kept apart:
Keep away from acids
- Type of material to be used for packaging / container:
same as original

8. EXPOSURE CONTROL / INDIVIDUAL PROTECTION

Technical measures:

Ensure adequate ventilation, especially in enclosed spaces.

Maximum exposure limits

- Exposure limits:

Exposure control

- Respiratory protection

Not necessary if there is sufficient ventilation. Do not breathe dust.

- Protection of hands

Wear suitable gloves

- Protection of the skin.

Wear suitable protective clothing

- Protection of eyes

Wear a face / eye mask.

Hygiene:

Avoid contact with skin and eyes

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

- Powder
- Colour: blue speckled
- Odour none

Important information relative to health and safety and the environment

- pH 10 at 10% in water
- Boiling range/point: not determined
- Flash point: not determined
- Explosion limits: explosion limits are not covered in reference works.
- Relative density (water = 1): not applicable
- Apparent density: 0.80 +/- 0.05
- Viscosity: not determined
- Solubility in water: soluble in water
- Liposolubility: Not relevant
- Solubility in solvents: Not relevant

10. STABILITY AND REACTIVITY

Condition/s to avoid

The preparation is stable in the handling and storage conditions recommended under paragraph 7.

Material/s to avoid

Do not mix with other detergents or chemical products. Decomposes if wet

Material/s to avoid:

Do not mix with: acids

Hazardous decomposition products:

Do not breath in fumes.

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Safety Data Sheet

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Date: 07/11/02

Page: 4/5

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

- Inhalation

Irritates respiratory tract and can cause sore throats and coughs.

- Contact with skin

Causes burns

- Contact with eyes:

Causes serious burns.

- Ingestion:

Serious injuries to soft tissues and risk of perforation

12. ECOLOGICAL INFORMATION

Effects on the environment:

At high concentrations in water, harmful effects on aquatic life observed due to the pH.

Various harmful effects

13. CONSIDERATIONS REGARDING DISPOSAL

Refuse/unused products:

Ensure that the diluted product does not get into drains or surface water.

Contaminated packaging:

Refuse and used packaging should be dealt with according to local regulations.

Other information

14. INFORMATION REGARDING TRANSPORT

General information:

Transport the product in accordance with the provisions of ADR by road, RID by rail, IMDG by sea and ICAO/IATA for air transport.

ONU number UN 3262

Land routes (Road/ rail: ADR/RID)

- Hazard class: 8

- Number and letter: 46⁰c)

- Code TREM-CARD: 80

IMDG (sea)

OACI/IATA (air)

Waterways (ADNR)

15. REGULATORY INFORMATION

EEC No.

Not applicable

Contains:

- Disodium metasilicate

Symbol/s:

C - Corrosive

R Sentence/s

34 Causes burns

52/53 Hazardous to aquatic organisms, can have harmful long-term effects on the aquatic environment.

S Sentences

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Safety Data Sheet

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91/155/CE (3APT) -ISO 11014-1

Date: 07/11/02

Page: 5/5

26 In case of contact with eyes, wash immediately with plenty of water and consult a specialist.

36/37/39 Wear appropriate protective clothing, gloves and protection for the eyes/face.

45 In case of accident or feeling unwell, consult a doctor immediately (if possible show him the label).

16 OTHER INFORMATION

Legislation complied with:

This safety data sheet complies with the directives and amendments of EEC No: 67/548/EEC and 91/155/EEC 1999/45/EC

Use of the substance/preparation
Dishwasher detergent

Historical information

- Date of first edition 07/11/02
- Version: 1