

1. IDENTIFICATION OF THE PREPARARTION & OF THE COMPANY

1.1 Identification of the Preparation:

Java Coffee Machine Cleaning Tablets

1.2 Company Identification

The Proton Group Limited Normanton Industrial Estate,

Normanton, West Yorkshire WF6 1QT

Tel: 01924 892834

Email: mail@proton-group.co.uk Emergency Telephone: 112

2 HAZARDS IDENTIFICATION

2.1 Labelling element:



WARNING



ATTENTION

Contains: Sodium Percarbonate

Keep out of reach of children

P305 + **P351** + **P338** – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 – If eye irritation persists: Get medical advice/attention.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P210 - Keep away from heat/sparks/open flames/hot surfaces.

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

2.2 Regulatory References:

This sheet has been prepared to the requirements of the Chemical (Hazard Information and Packaging for Supply) Regulations 2009 [CHIP 4].

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterisation MIXTURE OF ORGANIC AND INORGANIC SODIUM SALTS

Chemical name	<u>CAS-No</u>	EINECS/ELINCS	<u>Classification</u>	<u>Concn</u>
SODIUM PERCARBONATE	15630-89-4	239-707-6	O: R8	<55%
(ANHYDROUS)			Xi: R41	
ADIPIC ACID	497-19-8	204-673-3	Xi: R36	<40%
SODIUM CARBONATE	497-17-8	207-838-8	Xi: R36	<30%

4 FIRST AID MEASURES



Eye Contact Immediately flush with plenty of clean water for at least 15 minutes. If

necessary (e.g., irritation persists), consult an eve

specialist/ophthalmologist.

Skin Contact Promptly wash thoroughly with water while

removing contaminated clothing. Wash any contaminated clothing well before re-use. If irritation persists, seek medical attention.

Immediately rinse mouth, then drink plenty of water or milk. Do

Not induce vomiting. If necessary, seek medical attention.

Inhalation Move to fresh air. If irritation persists, seek medical attention.

5 FIRE-FIGHTING MEASURES

5.1 Special Fire or Explosion Hazards

Product is non flammable

5.2 Suitable Extinguishing media

To suit local surroundings (e.g. water spray, carbon dioxide, foam, chemical powder)

5.3 Unsuitable Extinguishing media

None known

5.4 Other Recommendations

Wear self-contained breathing apparatus. Keep away from combustible materials.

6 ACCIDENTAL RELEASE MEASURES

Refer to section 8 for personal protection when handling spillages.

Any spillages should be cleaned up as soon as possible to prevent contamination with foreign materials with which it may react

Handle spillage carefully, do not return spilled material to original container.

If tablets are dry and uncontaminated: collect up into heavy duty plastic bag: wherepossible and suitable, use material as originally intended. Wash away any residues with copious amounts of water.

If tablets are contaminated: they should be transferred to waste ground, spread thinly acovered with a thin layer of earth; a smell of chlorine will be noted until the material has degraded. Keep people, vehicles and animals away from the disposal area.

If the spillage of tablets is large: (more than 100kg) place into bins lined with polythene bags and eliminate in accordance with locally valid disposal regulations.

Environmental considerations: Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.

7 HANDLING AND STORAGE

7.1 Recommended storage conditions

Store away from all incompatibles and combustibles (see Section 10). Store in a cool, dry, well ventilated place. Avoid high humidity levels. Keep away from fire, heat, flame and direct sunlight. Keep in original tightly closed containers. Keep out of reach of children. Never store damp or contaminated material.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure controls

Monitoring of the workplace should be considered in accordance with EH40 (or equivalent) controls.

LTEL (8 hour TWA) ppm 10 mg/m Total inhalable dust

LTEL (8 hour TWA): ppm 4 mg/m Respirable dust (EH40/2005)

a. Personal Protection:

Avoid contact with eyes, skin and clothing.

Avoid breathing any dust.

Wash thoroughly after handling.

Use protective equipment recommended below.

Do not eat, drink or smoke when handling this material.



8.2.1 Respiratory protection: Where any dust in the breathing zone cannot be controlled

with ventilation, wear an officially approved respirator

(NIOSH/MSHA or equivalent agency) for protection against

airborne dust.

8.2.2 Eye protection: If airborne dust concentrations are high, wear appropriate

protective goggles. Wash eyes with clean water where there

is potential eye contact.

8.2.3 Skin protection When handling large bulk quantities wear protective

Gloves (e.g. chemical resistant; also consider own risk assessment.

8.3 Engineering Controls: Use local exhaust ventilation where appropriate.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Tablets
Colour: White
Odour Minimal

Flash point: Not applicable Flammability (solid, gas): Non flammable

Solubility in water: Soluble Explosive properties: Not explosive

10 STABILITY AND REACTIVITY

10.1 Conditions to Avoid

Heat and direct sunlight and away from combustible material, moisture and water.

10.2 Materials to Avoid

The product is incompatible with acids, oxidising and reducing agents, heavy metal salts,

flammable materials. Hazardous Reactions

Reacts with moisture and incompatible materials.

11 <u>TOXICOLOGICAL INFORMATION</u>

Routes of entry: Inhalation, and ingestion

Inhalation: The product may be irritating to the respiratory system.

Ingestion: Unlikely to cause problems

Skin & Eye Contact: The product is irritant to eyes and may be irritating to skin.

Toxicology: Acute toxicity Oral LD 50 (rat) > 2000 mg/kg (derived from ingredients)

12 ECOLOGICAL INFORMATION

Aquatic toxicity: LC₅₀ (Aquatic organisms): No data available Biodegradability: Biodegradable (derived from ingredients)

Do not discharge into lakes, ponds, streams or public water unless

in accordance with the permit of official regulations

13 DISPOSAL CONSIDERATIONS

Refer to Section 6, then:- Disposal should be undertaken in accordance with all official regulations. If material is dry, incineration is recommended.

14 TRANSPORT INFORMATION

UN Number UN 1479

Packing Group II
ADR/RID 5.1/II
IMDG 5.1/1479/II

Proper shipping name OXIDISING SOLID, N.O.S. (SODIUM CARBONATE

PEROXYHYDRATE)

Marine Pollutant The product is not classified as an aqueous pollutant for transport.



15 REGULATORY INFORMATION

Label for supply: see 2.

OXIDISING; IRRITANT (for CLP/GHS Symbols, see 2 above)

16 OTHER INFORMATION

NOTE: The information herein is presented in good faith and believed to be correct at the date prepared however no warranty or representation expressed or implied is made as to the accuracy or completeness of the foregoing data and safety information or continuing accuracy of this data, Information is supplied on the condition that the persons receiving same will make their own determination as to the completeness and accuracy, safety and suitability for their purposes prior to use. In no event will Maclin Group be responsible for damages of any nature whatsoever resulting from the use or reliance of this data. The user assumes all liability for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product. END Revision 3: 10th Nov 2015

Last issued: 17/02/2015 Rev [2]