



DERH AUTOMATIC - POWDER

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

Product name: DERH AUTOMATIC - POWDER

Use: Powder laundry detergent for machine and hand usage

Company: Drop Chemicals Ltd.

Address: Triq il-Birrerija
Mriehel Industrial Estate
BKR 14
MALTA

Telephone: ++356 2144 9293 / 2144 1803 / 2148 0488

Fax: ++356 2144 4704

Emergency telephone: ++356 2144 9293 / 2144 1803 / 2148 0488

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients:

Common Name	CAS	EINECS/ELINCS	%	Classification
Sodium carbonate	497-19-8	207-838-8	20 - 30	Xi (R36)
Sodium carbonate peroxide	15630-89-4	239-707-6	10 - 20	Xn (R22, R36/38) O (R8)
Alcohol ethoxylates, C10, 7EO	78330-20-8	Polymer	1 - 5	Xn (R22, R41)

3. HAZARD IDENTIFICATION

This product is not classified as dangerous according to EU Directive 1999/45/EC.

Eye contact: Transient superficial irritation

Skin contact: Prolonged exposure may cause skin irritation

Ingestion: Possible mild gastro-intestinal irritation with nausea and vomiting.

Inhalation: Inhaling of particles may cause mild irritation of the respiratory system.

4. FIRST AID MEASURES

Inhalation: Go into open air and ventilate suspected area. If irritation is experienced, mouth and throat may be rinsed with water. Particles adhering to the nasal cavity may be rinsed with saline/plain water. If irritation or asthma-like symptoms persist, seek medical advice.

Skin Contact: Rinse affected area with water. If needed apply cold compress to relieve irritation. If symptoms persist, discontinue use of product and seek medical advice.



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<u>Eye Contact:</u>	Rinse thoroughly with plenty of water for several minutes holding the eye open. If symptoms persist, seek medical advice.
<u>Ingestion:</u>	Drink a glass of water/milk to dilute product. Do not induce vomiting. Act immediately in order to prevent further irritation of mouth, throat and stomach mucosa. If symptoms persist, seek medical advice.

5. FIRE FIGHTING MEASURES

<u>Suitable extinguishing media:</u>	Water spray, dry extinguishing media, foam, carbon dioxide
<u>Extinguishing media, which must not be used:</u>	high volume water jet
<u>Special protective equipment for fire-fighters:</u>	No special equipment needed, but self-contained breathing apparatus recommended
<u>General remarks:</u>	Product is not explosive, not flammable and not auto-flammable. The product itself will not burn.

6. ACCIDENTAL RELEASE MEASURES

<u>Personal precautions:</u>	Use personal protective clothing
<u>Spillage:</u>	Remove ignition source. Avoid generation of dust. Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal. Dispose according to the local regulations. Wash the spillage area with large quantities of water.

7. HANDLING AND STORAGE

<u>Handling:</u>	Handle in accordance with good occupational hygiene and safety practices. Avoid dust formation. Do not breathe dust. Avoid contact with skin and eyes.
<u>Storage:</u>	Store in a cool and dry area (in humid conditions the product will absorb moisture from the atmosphere and this will eventually cause caking and loss of free flowing properties. Store away from heat sources and protected from light in tightly closed original container.

8. EXPOSURE AND CHEMICAL / PERSONAL PROTECTION

<u>Exposure Control:</u>	No exposure limits have been established for the substances present in this product. Avoid contact with eyes, skin or clothes. Working procedures should be designed to minimise worker exposure to this product. Where this is not possible the following personal protective equipment should be provided.
<u>Respiratory protection:</u>	In case of high dust levels wear suitable respiratory protective equipment.

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<u>Eye protection:</u>	Safety goggles recommended.
<u>Hand protection:</u>	Wear suitable chemical resistant protective gloves for frequent or prolonged operations.
<u>Skin protection:</u>	Protective overalls and shoes/boots recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance:</u>	white powder with blue speckles
<u>Odour:</u>	specific perfume
<u>Bulk density:</u>	approx. 550 kg/m ³
<u>pH value:</u>	approx. 11.5 (1% aqueous solution)
<u>Flashpoint:</u>	not flammable
<u>Ignition temperature:</u>	not flammable
<u>Explosive properties:</u>	not explosive
<u>Water solubility:</u>	high

10. STABILITY AND REACTIVITY

<u>Hazardous reactions:</u>	No hazardous reactions when stored and handled according to instructions.
<u>Conditions to avoid:</u>	Avoid contact with acids. Humidity and moisture can cause caking and loss of free flowing properties.
<u>Hazardous decomposition products:</u>	No hazardous decomposition products if stored and handled as prescribed/indicated.

11. TOXICOLOGICAL INFORMATION

<u>General remarks:</u>	The preparation as such has not been tested toxicologically. As it is virtually impossible to predict potential hazards to sensitive persons with the currently available application techniques or to anticipate perils which may be caused by an unpredictably powerful concentration of synergies, the preparation is to be considered and handled as it might generate other health hazards. Therefore, the preparation is to be handled with utmost care.
<u>Inhalation:</u>	Inhaling of particles may cause mild irritation of the respiratory system.
<u>Ingestion:</u>	Possible mild gastro-intestinal irritation with nausea and vomiting.
<u>Skin contact:</u>	Slightly irritating to skin.

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<u>Eye contact:</u>	Slightly irritating to skin.
<u>Chronic toxicity:</u>	Repeated exposure to low levels will not cause adverse effects.
<u>Contact sensitization:</u>	Does not provoke a sensitization reaction.

12. ECOLOGICAL INFORMATION

<u>General remarks:</u>	The product is not to be brought in contact with the environment in large quantities without proper control. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
<u>Biodegradability:</u>	The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request.

13. DISPOSAL CONDITIONS

<u>General remarks:</u>	Product and packaging are to be disposed of in accordance with the currently applicable EC, national and regional recommendations.
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14. TRANSPORT INFORMATION

<u>General remarks:</u>	Not classified as hazardous regarding ADR/RDI/IMDG/IATA codes.
<u>Additional information:</u>	In case of accidental spillage or fire during transport, please refer to instructions under the above mentioned headings 5, 6, 7 and 8.

15. REGULATORY INFORMATION

This product is not classified as dangerous according to EU Directive 1999/45/EC.

All substances in the preparation are registered in the EU.

Labelling information according to Regulation (EC) No.648/2004:

Chemical composition: 5-15%: oxygen-based bleaching agents, phosphates, zeolites, anionic surfactants, non-ionic surfactants, soap
Other ingredients: perfumes (contains: citronellol, geraniol), optical brightener

<u>General Safety Advice:</u>	Keep away from children. Do not swallow and avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water. For sensitive skin, avoid prolonged skin contact with the washing solution.
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16. OTHER INFORMATION



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The recommendations in this safety data sheet reflect the knowledge available to us on the date of going to print and do not therefore guarantee certain properties. They are intended to give you hints for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and waste disposal. This information cannot be transferred to other products. In those cases where the product mentioned in this safety data sheet is blended, mixed or processed with other materials or processed in any other way, the information contained in this safety data sheet cannot be related to the new material obtained in this way. Recipients of our product must take responsibility for observing existing laws and regulations.

The following headings contain revisions or new statements: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16

Full list of relevant R phrases mentioned under heading 2:

R 8	Contact with combustible material may cause fire
R 22	Harmful if swallowed
R 36	Irritating to eyes
R 36/38	Irritating to eyes and skin
R 41	Risk of serious damage to eyes