

SAFETY DATA SHEET		
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Complying with 1907/2006/EEC Regulation of 18 December 2006 ("REACH Regulation") and REGULATION (EC) No 1272/2008 (CLP)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: ABC Dry chemical Fire Extinguisher
Trade Name: ABC Dry chemical Fire Extinguisher

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

Dry chemical fire extinguisher

1.3 Details of the supplier of the safety data sheet

Company Name: Hadaikan LTD
Company Address: Industrial area
Kiryat-Arie,
Petach Tiqwa
Israel

Company Tel: 972-39226850

Contact Name: Moshe Dan.
E-mail address of person responsible for this SDS: moshe@mlachman.co.il

1.4 Emergency telephone number

Emergency telephone number (including hours of operation):
972-505200580
Hours of operation - 07:00-24:00

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP/GHS)

Product name	GHS Classification
ABC Dry chemical Fire Extinguisher	Gases under pressure, Compressed Gas

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2.2 Label elements

Labeling in accordance with Regulation 1272/2008 (CLP)

Hazard pictograms:



Signal word: **WARNING**

Hazard statements: H280 Contains gas under pressure; may explode if heated.

Precautionary Statements: P410+P403 - Protect from sunlight. Store in a well-ventilated place.

Supplemental Hazard Statements: None known

2.3 Other hazards

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture: Non hazardous mixture of inorganic salts, silonized with silicon oil

Product/ Ingredient name	Identifiers	%	GHS Classification
Nitrogen	CAS No - 7727-37-9 EC No - 231-783-9	< 100%	Gases under pressure, Compressed gas

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Eyes contact: In case of eye contact, remove contact lenses and rinse immediately with plenty of water, also under the eyelids, for at least 15 mins.

Skin contact: Wash contaminated skin with soap and water.

Inhalation: Move to fresh air. In case of feeling unwell, call a physician immediately.

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Ingestion: If swallowed, give small amounts of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

If any symptoms are observed, contact a physician and give them this SDS sheet.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable: Product does not burn. Use extinguishing media for surrounding area.

Unsuitable: None known

5.2 Special hazards arising from the substance or mixture

None known.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering.

For emergency responders

Avoid dust formation. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable protective equipment. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways or air).

6.3 Methods and materials for containment and cleaning up

Sweep up or vacuum up spillage and collect on suitable container for disposal.

Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Not required.

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7.2 Conditions for safe storage, including any incompatibilities

Keep in a dry place. Keep at temperatures below 60°C. Store in original container. Keep tightly closed.

7.3 Specific end use(s):

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values:

Ingredient name	CAS Number	Occupational exposure limits	Source
Kaolin respirable dust	1332-58-7	2 mg/m ³	EH40 Workplace Exposure Limits

8.2 Exposure controls

Appropriate Engineering Measures

Not required.

Personal Protective Measures

Respiratory protection: In the case of dust or aerosol formation, use respirator with filter model P1 / FFP1 (according to DIN 3181, 1980)

Body protection: Not required.

Eye/face protection: Not required.

Skin protection: Not required.

Thermal hazards: None known.

Environmental exposure controls: Do not flush into surface water. Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Solid powder extinguishing powder in fire fighting device
Colour:	Light yellow
Odour:	None
Odour threshold:	No data available
pH:	4.1 – 4.6 (10% solution)
Melting point/Freezing point:	> 200°C
Initial boiling point/boiling range:	No data available
Flash point:	None
Evaporation rate:	No data available
Flammability (solid, gas):	Not flammable
Upper/lower flammability or explosive limits:	No data available

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Vapour pressure: No data available
Vapour density (air=1): No data available
Relative Density @20°C: 0.83 – 1.00 g/cm³
Solubility(ies): Not soluble in water
Partition coefficient Octanol/Water: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity: No data available
Explosive properties: No data available
Oxidising properties: This product is not flammable – fire extinguishing agent.

9.2 Other information:

Technical details for product

A. Working Pressure: 17 bar at 60 ° C.
B. Charging pressure: 15 bar at 20 ° C.
C. Test pressure: 35 bar.
D. Click expiry: 60 bar.
E. Nominal size: 1kg, 2kg, 3kg, 6 Kg.
F. Fitness Level Shutdown: 113 B, 21A.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

No data available.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

None

10.5 Incompatible materials

Materials to avoid include; strong acids and strong bases.

10.6 Hazardous Decomposition products:

Ammonia, Carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Routes of exposure No data available

Acute toxicity:

Product/ingredient name	Test	Species	Dose
No data available			

Skin corrosion/irritation: This product is not expected to cause skin corrosion/irritation.

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Serious eye damage/eye irritation:	This product is not expected to cause serious eye damage/eye irritation.
Respiratory sensitization:	This product is not expected to cause respiratory sensitization.
Skin sensitization:	This product is not expected to cause skin sensitization.
Germ cell mutagenicity:	This product is not anticipated to be a mutagen.
Carcinogenicity:	This product is not expected to be a carcinogen.
Reproductive toxicity:	This product is not anticipated to cause reproductive toxicity.
Specific target organ toxicity - Single exposure:	This product is not expected to cause specific target organ toxicity after single exposure.
Specific target organ toxicity- Repeat exposure: toxicity after repeated exposure.	This product is not expected to cause specific target organ toxicity after repeated exposure.
Aspiration hazard:	This product is not anticipated to be an aspiration hazard.
Other effects:	No other known significant effects or critical hazards

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Substance name	Toxicity to fish / other aquatic invertebrates
No data available	

12.2 Persistence and Degradability:

Readily biodegradable, according to appropriate OECD test.

12.3 Bioaccumulative potential:

Does not bioaccumulate

12.4 Mobility in soil:

Water solubility – Not soluble

12.5 Results of PBT and vPvB assessment:

No data available.

12.6 Other adverse effects:

Slightly water endangering.

12.7 Additional information:

None available

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Hazardous waste: No

Product

Dispose of waste materials in accordance with applicable local and national laws and regulations. Where possible, recycling is preferred to disposal or incineration. Contact the proper local authorities.

Contaminated packaging

Clean container with water. Can be disposed of as waste water, when in compliance with local regulations.

Waste disposal number of waste from residues/unused products

080201 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS: wastes from MFSU of other coatings (including ceramic materials): waste coating powders.

Waste disposal number of used products

080201 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS: wastes from MFSU of other coatings (including ceramic materials): waste coating powders.

SECTION 14: TRANSPORT INFORMATION

International transport regulations

14.1 UN number:

ADR/RID: UN 1044

IMDG: UN 1044

IATA: UN 1044

14.2 Proper shipping name:

ADR/RID: FIRE EXTINGUISHER

IMDG: FIRE EXTINGUISHER

IATA: FIRE EXTINGUISHER

14.3 Transport hazard class(es)

ADR/RID: 2.2

IMDG: 2.2

IATA: 2.2

14.4 Packing group

ADR/RID: Not applicable

IMDG: Not applicable

IATA: Not applicable

14.5 Environmental hazard

Marine Pollutant: Yes

14.6 Special precautions for user

No data available

14.7 Transport to bulk according to Annex II of MARPOL 79/78 and the IBC Code

No data available

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Section 15: REGULATORY INFORMATION

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

This safety datasheet complies with the requirements of:
 EU Directives 67/548/EEC and 1999/45/EC (including amendments)
 EU Regulation (EC) No.1907/2006 (REACH), No 1272/2008 (CLP)

Water Contaminating Class (D): 1 – slightly water contaminating
 German Water Hazard Class (WGK) No data available

15.2 Chemical safety assessment

No data available

Section 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Not applicable

Training advice: Before using/handling the product one must read carefully present MSDS.

Abbreviations and acronyms:

CAS: Chemical Abstracts Service (division of the American Chemical Society)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonized System of Classification and Labeling of Chemicals
 EC50: Half maximal effective concentration
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent

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