

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Product Name : BY ACT AUTOMAT POWDER DETERGENT

Date 6.03.2024

Revision Date -

Form No : 1

Revision No -

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name BY ACT AUTOMAT POWDER DETERGENT

Product Code -

Chemical type Mixture

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

Recommended use : Laundry cleaning group product

Not recommended use : unknown

1.3.Details of the supplier of the safety data sheet

Company Name ACT GROUP İÇ VE DIŞ TİC.LTD.ŞTİ.,
Address (TURKEY) Kocatepe Mah.Yemiş Meydanı Sokak Mega Center No :4 C 29 Blok Daire 15
Bayrampaşa / İSTANBUL
Telephone +902129930228
E-mail info@actmatik.com
Web www.actmatik.com

1.4. Emergency information

Company Telephone/TR +902129930228

UZEM (National Poison Information Center) 114

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture /Classification according to Regulation (EC) No 1272/2008

H319 Serious eye damage/eye irritation, Hazard Category 2



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2.2. Label elements - Labelling according Regulation (EC) No 1272/2008

Pictogram



GHS07

Signal word

WARNING

Hazard statement(s)

H319 Causes serious eye irritation.

Precautionary statement(s)

P101 If medical advice is needed, have product container or label at hand

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

P305+P351 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.

P405 Store locked up..

P501 Dispose of contents/container according to regulations

Marking Determining Components:

Benzenesulfonic acid, C10-16-alkyl derivs.

2.3. Other Hazards:

This substance/mixture does not contain any components considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.



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SECTION 3: Composition/information on ingredients

3.1. Substances Not apply

3.2. Mixtures See table

Component	Cas No	EC No	Concentration %	Classification	
				Harmfulness Class Code and Category Code	Harmony Statement Code *
Benzenesulfonic acid, C10-16-alkyl derivs. KK No :05-0000481103-97-0000	68584-22-5	271-528-9	< 3	Eye Irrit. 2 Eye Dam. 1	H319 H318
Sodium Carbonate KK :05-0000403759-20-0000	497-19-8	207-838-8	< 5	Eye Irrit. 2	H319
Parfum	-	-	0,6	-	
Sodium chloride **	7647-14-5	231-598-3	85-95	-	

*1 For full text of the H-phrases, see Chapter 16 Section . 16.6.1. ** Non-hazardous substance/mixture



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SECTION 4: First aid measures

4.1. Description of first-aid measures

Show this material safety data sheet to the doctor in attendance.

4.1.1. In case of eye contact

After eye contact: rinse out with plenty of water.

Consult a doctor in any other complaint

4.1.2. In case of skin contact

Take off immediately all contaminated clothing. Rinse skin with water

Consult a doctor in any other complaint

4.1.3. If inhaled

If breathing is difficult, get outdoors.

Consult a doctor in any other complaint.

4.1.4. If swallowed

Do not induce vomiting. Immediately call a doctor and / or transport to where the emergency intervention

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

There is no known specific antidote. Treat according to the symptoms.

SECTION 5: Firefighting measures

5.1. Suitable extinguishing agents

Foam, dry chemical powder, fire extinguishers with CO₂. Water can be used to cool the containers

5.2. Special hazards arising from the substance or mixture

Decomposition may produce toxic fumes.

5.3. Advice for firefighters

Responsible personnel during the fight against possible fire, must wear fire clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Protective equipment: Wear recommended personal protective equipment. Emergency plans : Ventilate spill area.

Do not touch or walk on spilled product. Evacuate unnecessary personnel. Mark the boundaries of the contaminated area and prevent any unauthorized personnel from accessing the area. Protective equipment : Do not attempt to intervene without suitable protective equipment. For more information see section 8: "Exposure controls/personal protection".

Only qualified personnel equipped with appropriate protective equipment may intervene. Use suitable protective clothing, protective gloves, safety glasses/mask. Contingency plans : Avoid contact with skin and eyes.

DO NOT touch spilled material. Evacuate unnecessary personnel. Keep away from flammable materials.

Keep people away from the danger area. Keep it from entering drains, basements and work pits, or any place where it could be dangerous to accumulate. Ventilate the area. If safe, stop the leak.



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6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter sewers or streams.

Do not discharge into sewers or waterways without neutralizing.

6.3. Methods and materials for containment and cleaning up

For containment : Follow the safety instructions. Absorb with inert absorbent material (e.g. sand, sawdust, a universal binder, silica gel). Contain all spills by embankment or absorbents to prevent their transport and entry into sewers or streams. Cleaning procedures : Clean up spills as soon as possible, using an absorbent material to collect it. Absorb with liquid binder (eg sand, diatomaceous earth, or all-purpose binder). Sweep or shovel spills into suitable containers for disposal. Other information : Dispose of material or solid residues at an authorized facility. Dispose of contaminated materials in accordance with current legislation.

6.4. Reference to other sections

Dispose according to Article 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Provide good ventilation in the work area. Use personal protective equipment. Avoid prolonged and repeated contact with skin. Do not take contaminated clothing out of the workplace. Do not spray/pour into flames or other sources of ignition. Floors, walls and other surfaces in the danger area should be cleaned regularly. Keep throttling valves free of grease and oil. To prevent or minimize the spread of the product in the workplace Take all necessary technical measures. Take preventive measures against static discharge. Sealed containers should be protected from heat as this will cause pressure build-up. Hygiene measures : Do not eat, drink or smoke while using this product. Always wash your hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.
Opened containers should be reused properly to prevent leakage. should be closed and kept upright.
Provide adequate ventilation, especially in confined spaces. Fire sources should be kept closed.
Storage conditions: Store in a well-ventilated place. Keep cool.
Incompatible Conditions: Extremely high or low temperatures.
Heat and ignition sources: Do not smoke.
KEEP CHEMICALS AWAY FROM: ignition sources. Heat sources.
Mixed storage information: Keep away from food, drink and animal feeding stuffs.
Storage location : Avoid: Extremely high or low temperatures. Heat and ignition sources.

7.3. Specific end use(s)

Section 1.2. No information has been declared other than the uses specified in



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SECTION 8: Exposure controls/personal protection

8.1. Control parameters No data

8.2. Exposure controls

Personal Protection: Wear protective gloves/ eye protection/ face protection.

Appropriate engineering controls : Provide good ventilation in work area.

Avoid contact with skin, eyes and clothing.

Carry out work outdoors/under local exhaust/ventilation or wearing respiratory protection.

Sample; Consider using a work permit system for renovation events.

In case of any potential exposure, emergency eye wash fountains and safety showers should be available in the area.

If dust and/or fine particles are formed with this product; Common sense will be used to minimize long-term exposure by inhalation and not to exceed the occupational exposure limit value. Measure concentrations at regular intervals and at any change in conditions likely to affect worker exposure.

Personal protective equipment : Safety glasses. gloves.

Hand protection : Protective gloves. EN 374

Eye protection : Safety glasses. EN 166.

Wear safety glasses where there may be excessive dust/vapour/mist.

Skin and body protection : Wear suitable protective clothing.

In case of dust generation: dustproof clothing.

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment.

Environmental exposure controls : Avoid release to the environment.

Consumer exposure control : Do not consume food, drink or cigarettes during use.

Always wash your hands after handling the product. Avoid contact with skin and eyes.

Other information : Always wash your hands after handling the product.

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and before leaving work.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance /Color	<i>Solid (powder) / white</i>
Odor	<i>Perfumed</i>
Odor Threshold	<i>No data available or not applicable</i>
pH 20 °C	<i>10-11 (in 1% water)</i>
Melting point	<i>No data available or not applicable</i>
Initial boiling point and boiling range	<i>No data available or not applicable</i>
Flash point	<i>No data available or not applicable</i>
Evaporation rate	<i>No data available or not applicable</i>
Flammability Temperature	<i>No data available or not applicable</i>
Upper/lower flammability or explosion limits	<i>No data available or not applicable</i>
Vapor pressure 20 °C	<i>No data available or not applicable</i>
Vapor density	<i>No data available or not applicable</i>
Density 20 °C	<i>800-900 g/cm3</i>
Solubility(in water)	<i>Soluble</i>
Partition coefficient (n-octanol/water)	<i>No data available or not applicable</i>
Auto ignition temperature	<i>No data available or not applicable</i>
Decomposition temperature	<i>No data available or not applicable</i>
Viscosity 20 °C	<i>No data available or not applicable</i>
Explosive properties	<i>No data available or not applicable</i>
Oxidizing properties	<i>No data available or not applicable</i>

9.2. Other information

No data

SECTION 10: Stability and reactivity

10.1.Reactivity

No hazardous reactions have been observed when using in normal storage conditions

10.2.Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

10.3.Possibility of hazardous reactions

Dangerous Reaction does not contain the possibility

10.4. Conditions to avoid

Very high/low temperatures.

10.5. Incompatible materials

Strong oxidizing agents, strong acids, strong bases

10.6.Hazardous decomposition products

Carbon monoxide may be released during a fire.



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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute Toxicity :data belong to the component(s)that determine the classification,whose toxicity values can be reached.

Sodium Carbonate (Cas No : 497-19-8)

Oral-LD50 2 800 mg/kg bw

Inhalation- LC50 2.3 mg/L air Dermal - LD50 2 000 mg/kg bw

Skin corrosion / irritation:

Not classified

Serious eye damage / irritation:

Classified, effect available

Respiratory or skin sensitization:

Not classified

Germ cell mutagenicity:

Not classified

Carcinogenicity:

Not classified

Reproductive toxicity:

Not classified

Specific target organ toxicity (single exposure):

Not classified

Specific target organ toxicity (repeated exposure):

Not classified

Aspiration hazard:

Not classified

SECTION 12: Ecological information

12.1.Toxicity

Sodium Carbonate (Cas No : 497-19-8)

Short-term toxicity to fish

LC50 (4 days) 300 mg/L

Short-term toxicity to aquatic invertebrates

EC50 (48 hours) 200 - 227 mg/L

There are no data on the degradability of this product. The surfactant(s) contained in this product complies 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, or at the request of a detergent manufacturer.

12.2.Persistence and degradability :

12.3. Bioaccumulative potential :

No data available

12.4.Mobility in soil :

No data available

12.5.Results of PBT and vPvB assessment :

No data available

12.6. Other adverse effects :

No data available



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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with regulations.

Waste must be handed over to approved waste disposal companies.

The waste should not be mixed with other types of waste until it is removed.

Do not dispose of waste in city sewer systems.

Where possible, recycling should be preferred to disposal or disposal.

The disposal of the empty packaging, which is in the nature of waste, should be like the full packaging.

SECTION 14: Transport information

14.1. UN Number

UN No. (ADR) *Not classified*

UN No. (IMDG) *Not classified*

UN No. (IATA) *Not classified*

14.2. UN proper shipping name

Not classified

14.3. Transport hazard class(es)

ADR class -

IMDG class -

IATA class -

Label No -

14.4. Packaging group

ADR -

IMDG -

IATA -

Label

Environment

14.5. Environmental hazards

No

14.6. Special precautions for user

Not classified

14.7. Public Transport by Annex II of MARPOL 73/78 and IBC Code

No data



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SECTION 15: Regulatory information

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

15.1.1. Legal Provisions (TR)

- 11/12/2013-28848 (Duplicate) Classification, Labeling of Substances and Mixtures and Regulation on Packaging
- 13.12.2014-29204 Regulation on Safety Data Sheets for Harmful Substances and Mixtures
- 23.06.2017 Official Gazette Number: 30105 Regulation on Registration, Evaluation, Permission and Restriction of Repeated Chemicals
- Regulation on Health and Safety Precautions in Working with Chemicals, dated 12 August 2013 and numbered 28733.
- Regulation No. 28695, dated July 2, 2013, on the Use of Personal Protective Equipment at Workplaces.
- Occupational Health and Safety Law No. 6331, dated 30 June 2012.
- Regulation on Control of Hazardous Wastes, dated March 14, 2005 and numbered 25755.
- 27.01.2018 Official Gazette Number: 30314 Regulation on Detergents

Benzenesulfonic acid, C10-16-alkyl derivs.: This substance is registered under the REACH Regulation and is manufactured in and / or imported to the European Economic Area, at $\geq 1\ 000$ to $< 10\ 000$ tonnes per annum.

Sodium carbonate: This substance is registered under the REACH Regulation and is manufactured in and / or imported to the European Economic Area, at $\geq 10\ 000\ 000$ tonnes per annum.

15.1.2. Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

16.1. Exchange Information

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16.2. Abbreviations and acronyms

CLP : Classification, Labelling and Packaging

CAS : Chemical Abstracts Service

EINECS No: European Inventory of Existing Commercial Chemical Substances

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

ADNR: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

ICAO: International Civil Aviation Organization-

IATA: International Air Transport Association

LC50 : Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

EC50 : Effective concentration, 50 percent-

NOEC : No effect concentration

PBT : Persistent, Bioaccumulative and Toxic

vPvB : very Persistent, very Bioaccumulative



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OEL: Occupational Exposure Level

TWA : exposure limit is the time-weighted average concentration of a chemical in air for a normal 8-hour work day

ppm : (ml/m³).

STEL : the average concentration to which workers can be exposed for a short period (usually 15 minutes) without experiencing irritation, long-term or irreversible tissue damage

DMEL: Derived Minimum Impact Level

DNEL : Derived No Effect Level

PNEC : Predicted No Effect Concentration

MARPOL: International Convention for the Prevention of Pollution from Ships

16.3. Classification and Procedure Used to Obtain the Classification of Mixtures According to EC 1272/2008 (CLP)

(EU) Prepared according to Directive Regulation (EC) No 1272/2008 (CLP)

16.4.H and P Statements Regarding Label Elements (Number and Full Text)

H319 Causes serious eye irritation.

P101 If medical advice is needed, have product container or label at hand

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

P305+P351 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.

P405 Store locked up..

P501 Dispose of contents/container according to regulations

16.5 Educational Advice

It is recommended to use the product in accordance with the instructions on the label with normal use.



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16.6. More/Other Information

16.6.1. Full Text of Hazard Statement Codes (Section 3; Full Text of 'H' Statements)

H319 Causes serious eye irritation.

H318 Causes serious eye damage.

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16.6.2. General Information on Safety Data Sheet

It should only be used in the manner suggested. It should not be confused with other chemicals. This form is prepared in the direction of the substances and combinations declared by the manufacturer / supplier.

The raw material content information declaration is the responsibility of the manufacturer / supplier. The Safety Data Sheet Preparer can not be held responsible for any material or moral damages arising from misrepresentations or insufficient information about this product. All known and possible hazards related to the product have been tried to be presented to the user correctly. Furthermore, every product is likely to present undiscovered hazards. Manufacturer / Supplier / License Owner Company and Safety Data Sheet Preparer are not responsible for any consequences beyond our control. This safety information form can not be used for purposes such as an analysis certificate, a quality certificate, etc.

Users should take into consideration the information provided in this Safety Data Sheet and have the equipment installed by authorized persons in accordance with the methods specified in national and international standards; We strongly recommend that they have the additional safety equipment specified by the applicable legislation and standards and specified by the manufacturer of the equipment and take precautions. 2024

Chemical Assessment Expert (Authorized) : Ali Emrah ARAR / NBC / 04.24.06 / 12.07.2028

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