KARPAKS

SAFETY DATA SHEET

The SDS Prepared According To Regulation of the T.C. Minisrty of Environment and Urbanization , KKDIK, Annex-2 (23.June.2017 / 30105)

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

1.1. Identification of the substance / Mixture

Product Description: **ACTIVE F7 CARPET SHAMPOO**
Product Code: 04

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

It is a carpet cleaner with active foam suitable for industrial, professional and consumer use.

1.3. Details of the supplier of the Safety Data Sheet

Manufacturer Company: ULUBEY KİMYA SAN. ve TİC. A.Ş.
Address: Yedieylül Mahallesi 5534 Sokak No:87 Torbalı/İZMİR
Phone: 0232 853 12 14
Fax :0232 853 12 16
Authorized person responsible for SDS: nurhandogan83@gmail.com

1.4. Emergency telephone numbers:

Ministry of Health UZEM phone number: In case of poisoning, call the 114 number of the National Poison Information Center (UZEM) or the 112 number of the emergency health services.
Emergency telephone number: +90 0232 853 12 14

2.HAZARD IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification of Substances or Mixtures according to the regulation on (OJ 10.12.2020 No. 31330 reiterated)

Physical and chemical hazards:
Not relevant
Health Hazards:
Skin Corrosive Cat. 1B; H314
Environmental Hazards:
Not relevant.

2.2.Label Elements

Hazard Pictograms:



GHS05

Signal Word: **DANGER**

Hazard Statements:

Physical Hazards	Health Hazards	Environmental Hazards
Not relevant	H314 : Causes severe skin burns and eye damage.	Not relevant

Additional Hazard Statements:
Not relevant.

Precautionary Statements:

Precaution	P260: Do not breathe dust/fume/gas/mist/vapors/spray. P264: Wash thoroughly with plenty of water after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection.
Response	P301 + P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P303+P361+P353: IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower]. P310: Call the NATIONAL POISON CONTROL CENTER or physician immediately. P321: Specific treatment, see the label. P363: Wash contaminated clothing before reuse. P305 + P351 + P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
Storage	P405: Store locked up.
Disposal	P501: Dispose of contents/container in accordance with national regulations.

2.3.Other Hazards : There is no information regarding PBT or vPvB.

3.COMPOSITION / INFORMATION ON INGREDIENTS

3.2.1.Mixtures

Substances	**Concentration %**(w/w)	**CAS No**	**EINCES NO**	**Classification SEA(CPL)**
Sodium Laureth Sulfate	% 10-20	68891-38-3	221-416-0	Skin Irr. Cat .2;H315 Eye Irr. Cat 2:H319
Linear Alkyl Benzene Sülfonic Acid	% 5-10	85536-14-7	287-494-3	Skin Cor. Cat 1B;H 314 Acute Tox. Cat 4 ; H302
Cocoamidopropyl betaıne	% 5-10	61789-40-0	-	Skin Irr. Cat .2;H315 Eye Irr. Cat 2:H319 Aquatic Acute 1; H400
Sodıum hydroxide	% 1-5	1310-73-2	215-185-5	Skin Cor. Cat 1A;H 314
Deionized water	>%50	7732-18-5	-	Not classifield

4.FIRST AID MEASURES

As a general rule, consult a doctor when an unexpected situation is encountered or symptoms persist. Never try to make an unconscious person vomit.

4.1. Description of First Aid Measures



4.1.1.Inhalation

No symptoms are expected. Move the person to fresh air.

4.1.2.Eye Contact:

If you have contact lenses, check and remove. In case of contact with eyes, wash with plenty of water by occasionally lifting the upper and lower lids at least 20 minutes and consult a doctor.



4.1.3.Skin Contact:

In case of contact with skin, wash with plenty of water. Take off your contaminated clothes. In case of irritation, consult a doctor

4.1.4.Ingestion:

Do not vomit. Never give anything by mouth in case of fainting. Check breathing and heartbeat. If not breathing, give artificial respiration by trained personnel. If there is no heartbeat, perform heart massage by trained personnel. Consult a doctor immediately.

4.2. Most important symptoms and effects, both acute and delayed

4.2.1.Inhalation

May cause cough.

4.2.2.Skin Contact

It may cause burns. Serious skin damage may occur with blisters and wounds.

4.2.3.Eye Contact

It can cause serious damage and burns. It may cause chronic consequences.

4.2.4.Ingestion

It may cause adverse effects on health. It may lead to nausea, vomiting.

4.2.5.Long-Term Effects

Permanent irritation to eyes, skin and throat may occur due to long-term exposure.

4.3. Indication of any immadiate medical attention and treatment needed

Be psychologically supportive and act on the findings.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Use alcohol-resistant foam, dry chemicals, water fog, carbon dioxide fire extinguishers. Cool containers with water after fire is out. In large fires, the fire department should be notified. Care should always be taken to create an escape route in case of fires.

5.2. Special hazards arising from the substance or mixture

Do not let it mix with any chemicals. It can form carbon oxide and sodium oxide.

5.3. Advise for firefighters

Avoid breathing fire vapours. Cool containers exposed to flames with water until the fire is extinguished. Remove container from fire area if possible without risk. Prevent fire extinguishing water from flowing into sewers and water courses. Construct a dam to contain water. Use self-contained breathing apparatus when fighting fires. Wear a face mask, protective gloves and a safety helmet. Firefighters should avoid breathing any combustion products.

6. ACCIDENTAL RELEASE MEASURES (Avoid contact with skin and eyes.)

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For Non – Emergency Personnel

Wear adequate protective clothing. Provide fresh air to indoor spaces. Consult an expert for emergency procedures. Avoid contact with eyes and skin.

6.1.2 For Emergency Responders

Use protective gloves and eye protection equipment specified in section 8. Evacuate the danger area and prevent unnecessary and unprotected persons from entering the area. Get personnel to safe area. Do not smoke, do not use open flames or other igniters. Avoid breathing vapors and contact with skin and eyes. Provide adequate ventilation. In case of spillage, be careful of slippery floors and surfaces.

6.2. Environmental Precautions

Prevent it from mixing with canals, surface and groundwater. In case of contamination with water or sewage, notify the competent authorities. Prohibit entry to the area until cleaning is completed. If there is a fire, extinguish it or remove all sources of ignition and ventilate the area.

6.3. Methods and material for containment and cleaning up

Wash small spills with plenty of water. Absorb large amounts of spillage in liquid-retaining inert material (dry sand or earth) and place in chemical waste containers. Dispose according to regional/national regulations. Provide ventilation.

6.4. References to other sections

See Section 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Observe the warnings and industrial safety precautions on the label. Use protective clothing when there is a risk of exposure. Observe necessary chemical hygiene measures. Wash your hands with plenty of water and soap after work. Avoid hand and eye contact. Do not eat, drink or smoke during use. Container must be tightly closed. Protect from direct sunlight.

7.1.1. General Recommendations for Handling

Wear safety goggles. Avoid direct contact of the substance with skin and eyes during manual handling.

7.1.2. Warnings Regarding Incompatibilities of Substances or Mixtures

Keep away from oxidizing agents.

7.1.3. Environmental Recommendations

Prevent from entering sewers and water sources. In case of interference, notify the competent authorities.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and animal feeding stuffs. Do not open packages that have built up pressure. Store in a cool, dry and well-ventilated place away from incompatible materials (cointain acids). Protect from heat and direct sunlight in well-closed containers. The floor should not be permeable to the product and it should be ensured that the product is collected in a certain place with the duct system in case of accidental spillage. The warehouse should be away from animal feeding areas.

7.3. Specific end use(s)

No information.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1.Control

Exposure limits/standards



TLV-Ceiling: 2 mg/m3 (sodium hydroxide)
STEL (10 min): 2 mg/m3 (UK) (sodium hydroxide)
PEL: 2 mg/m3

Provide ventilation where appropriate. Provide safety showers in case of skin and eye contact.

8.2.Exposion Controls

8.2.1.Appropriate Engineering Controls



No information.

8.2.2. Individual protection measures

General protection and hygiene measures

Do not eat, drink or smoke where the material is handled. Keep away from foodstuffs, drinks and feedstuffs. Take off your contaminated clothing. Avoid eyes and skin contact. Safety showers and eye wash should be readily available. Use suitable safety glasses and/or a fully protected face shield when splashing is possible. For example according to EN 166. Provide eyewash and emergency shower facilities in the work area.

8.2.2.1.Eye-Face Protection:

Use suitable safety glasses and/or a fully protected face shield when splashing is possible. For example according to EN 166. Provide eyewash and emergency shower facilities in the work area.

8.2.2.2. Hand-Skin Protection:

Wear appropriate gloves, boots, apron, chemical protective clothing or work clothes to avoid skin contact.

8.2.2.3. Respiratory Protection

If the specified standards are exceeded, use a respirator that complies with OSHA General Industry Standards. If vapors are present, use a full facepiece respirator. After leaving the work environment, you can stay in fresh air.

8.2.3. Environmental exposure controls

No information

8.2.4.Health measures

DO NOT SMOKE IN WORK AREA! Wash hands at every shift change and before eating, smoking and going to the toilet. Remove all contaminated clothing immediately. If skin becomes contaminated, wash immediately with soap and water. Use a suitable skin cream to prevent skin drying. Do not eat, drink or smoke during use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

a)Appearance	: Red viscous liquid
b)Odor	: Soft Fresh
c)Odor Threshold	: Not applicable
d)pH	: 12
e)Melting / Freezing Point	: No information
f) Starting Boiling Point / Boiling Range	: No information
g)Flash Point	: No information
h)Evaporation Rate	: No information
i)Flammability	: No information
j) Upper/lower flammability or explosive limits	: No information
k)Vapor Pressure	: No information
l)Vapor Density	: No information
m) Relative Density	: 1,07 gr/cm³ 20ºC
n) Solubility	: Completely soluble in water.
o) Partition coefficient:n-octanol water	: No information
p)Flaming Temperature	: No information
q)Decompositon Temperature	:No information
r)Mobility	: No information
s)Explosive Property	: No information
t)Oxidazing Property	: No information

9.2. Other information

No information

10.STABILITY AND REACTIVITY

10.1.Reactivity

It is stable under normal conditions.

10.2. Chemical Stability

It is not stable at temperatures above 40°C, in sunlight and in contact with acids.

10.3. Possibility of hazardous reactions

When mixed with acid, significant heat is released. Water and acids (hydrochloric acid, sulfuric acid, nitric acid, hydrofluoric acid, phosphoric acid, acetic acid, formic acid, benzoic acid, muriatic acid, etc.) react. If the product is exposed to very high temperatures, it may release carbon monoxide, dioxide, smoke and nitrogen oxide gases.

10.4. Conditions to avoid

Heat, temperature, pressure, humidity and substances to be avoided.

10.5.Materials to avoid

Oxidizing and reducing agents, strong acids (hydrochloric, hydrofluoric, muriatic, phosphoric acid, chromic acid, nitric acid, sulfuric acid, etc.), flammable substances, halogens, metals, alkalis, peroxides, nickel, copper, tin, aluminum, etc.

10.6.Hazardous decomposition products

No information.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

11.1.1.Substances

Toxic Limit

When used correctly, no dysfunction is to be expected in the wastewater treatment plant.

LD50/oral/rabbit= 500 mg/kg guinea pig oral LD50 (Sodium hydroxide)

LC50/oral /rat= > 5000 mg/kg guinea pig oral-(Sles)

LC50/oral /rat= 1350 mg/kg guinea pig oral-Labsa

LD50/dermal/rat= >2000 mg/kg-Sles

11.1.2.Mixtures

11.1.2.1

	Conclusion and thoughts
Acute toxic	It is harmful if swallowed.
Irritation	No information.
Corrosive	Causes serious eye damage and skin burns.
Sensitivity	No information.
Repeated dose toxicity	No information.
Carcinogenicity	According to the international cancer research agency, this product does not contain carcinogenic substances.
Mutajenite	There is no information about the content of the substance causing mutagenic adverse effects.
Reproductive toxicity	There is no evidence of fertility and developmental effects.
Aspiration	No information.

11.2 Hazard Classification

Skin Corrosive

11.3 Hazard information as the substance is placed on the market

Skin Corrosive 1; H314

11.4 Information About Test Data

No information

11.5 Additional Information on Classification Criteria

No information

11.6 Information on Possible Routes of Exposure

If swallowed	If swallowed, it causes nausea.
Skin Contact	Prolonged contact may cause the skin's natural oils to be removed and cause burns.
Eye Contact	Causes serious eye damage.
If inhaled	Can be taken out to fresh air.
Target organs	Eye and skin
Medical Warnings	In case of contact with eyes and skin, rinse with plenty of clean water. If swallowed, do not induce vomiting.

11.7 Information on Physical, Chemical and Toxicological Properties

The chemical, physical and toxicological properties have not been fully studied.

11.8 Delayed or Immediate Effects as well as Chronic Effects in Short- and Long-Term Exposure

No information.

11.9 Interactive Effects

The interaction effects of each substance in the product with each other have not been fully studied.

11.10 Absence of Specific Data
No specific data is available.
11.11 Mixture and Substance Comparison Information
No information.
11.12 Other information
No information.
11.13 Additional Toxicological Warnings:
Toxicological classification was made based on content information and available information.

12. ECOLOGICAL INFORMATION

12.1.Toxicity
No environmental hazard is expected.
Fish LC50: 5.6mg/l -96 h-Labsa – 1 mg/l-96h -Betain
Daphnia EC50: 5.2 mg/l/48h-Labsa
Algae IC50:2.7 mg/l/72h-Labsa
12.2. Persistance and degradability
This material is alkaline and can increase the pH of surface waters with low buffering capacity. Therefore, it should not be directed to the waste treatment plant without being neutralized. (Neutralization should be carried out in the open air, carefully and taking the precautions specified in section 8)
12.3.Bioaccumulative potential
No information.
12.4. Mobility in soil

Solubility in Water	The product is well soluble/miscible in water and can be spread in water systems. It can be spread in soil this way.
Surface Tension	No information
Water Threat Class	No information about its mobility in the soil and its water threat class.
Effect on Drinking Water	No information about its mobility in soil and its effect on drinking water.

12.5. Results of PBT and vPvB assessment
No information.
12.6.Other adverse effects
No information.

13.DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
It should not be disposed of with household waste. Do not discharge into drains and water channels. According to the legislation, it should be stored in the appropriate area and within the time period.
13.2 Disposal methods
It must be disposed of in accordance with the legislation. Deliver to professional licensed waste disposal companies.
It should not allow the product packaging and product to be disposed of with household waste. The product and its packaging should not be mixed with sewage and groundwater.

14.TRANSPORT INFORMATION

Necessary precautions should be taken during the transportation of the product and the rules on the road route should be followed.
LAND TRANSPORT-ADR/RID;
It is not classified as a dangerous product, there is no special transportation requirement.
SEA TRANSPORT -IMO/IMDG;
It is not classified as a dangerous product, there is no special transportation requirement.

AIR TRANSPORT -IATA/DGR;
It is not classified as a dangerous product, there is no special transportation requirement.

14.5. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

No information.

15.REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific fort he substance or mixture

Product; It has been classified and labeled according to the procedures and principles stipulated in the "Regulation on Classification, Labeling and Packaging of Substances and Mixtures" and "EU legislation". Review the following regulations for legislation or other national measures that may be of interest to enforce the provisions of this safety data sheet.

- Regulation on Safety Data Sheets Regarding Harmful Substances and Mixtures
- Regulation on Classification, Labeling and Packaging of Substances and Mixtures
- Regulation on Restrictions on Production, Placement on the Market and Use of Certain Hazardous Substances, Preparations and Goods
- Occupational Health and Safety Regulation
- Regulation on Health and Safety Precautions in Working with Carcinogenic and Mutagen Substances
- Regulation on Health and Safety Precautions in Working with Chemical Substances
- Regulation on the Use of Personal Protective Equipment at Workplaces
- Manual Transport Regulations
- Regulation on Control of Hazardous Wastes
- Regulation on Preventing Major Industrial Accidents and Reducing Their Effects

16.OTHER INFORMATIONS

16.1. Regulation

This document has been prepared in accordance with Regulation of the T.C. Minisrty of Environment and Urbanization , KKDIK, Annex-2 dated 23 June 2017 and numbered 30105 and has been prepared and approved by accredited expert personnel who have been certified in accordance with the regulation.

16.2. Information of the preparer of the Safety Data Sheet

This SDS has been prepared behalf on ULUBEY KİMYA SAN ve TİC. A.Ş.
Preparer: NURHAN KOÇ
Expert Accreditation No: NBC04.49.06

16.3.Revision Date

25.03.2024

16.4.Revision No

01

16.5. Reason for Revision

It has been rearranged in accordance with the regulation dated 23 June 2017 and numbered 30105.

16.6. Hazard and Precautionary Statement

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life

P260	Do not breathe dust/ üme/gas/mist/vapors/spray.
P264	Wash thoroughly with plenty of water after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection
P310	Call the NATIONAL POISON CONTROL CENTER or physician immediately.
P303+P361+P353	IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P363 P302 + P352	IF IN CONTACT WITH SKIN: Wash with plenty of soap and water.
P363	Wash contaminated clothing before reuse.
P321	Specific treatment, see the label.
P305 + P351 + P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

16.7. Explanations on Hazard Classification Methods

Skin Corrosive Category 1B	Classification Definition Skin corrosion refers to irreversible damage to the skin, namely visible necrosis throughout the epidermis and into the dermis, following application of a test substance for up to 4 hours. Category Classification Category 1B (Corrosive in ≥ 1 of 3 animals) Exposure: < 3 minutes Observation: ≤ 1 hour Concentration Limit Value C ≥ 5%, (pH ≥ 11,5 ise C ≥ 1 %)

16.8. References/Resources

- Safety Data Sheet(s) for the raw material prepared by the manufacturer.
- "Regulation on Safety Data Sheets for Hazardous Substances and Mixtures" and its annexes.
- "Regulation on Classification, Labeling and Packaging of Substances and Mixtures" and its annexes.
- "Regulation on Health and Safety Precautions in Working with Carcinogenic and Mutagen Substances" and its annexes.
- Other relevant local regulations.
- UN ADR, IMDG, IATA lists, ECHA and relevant EU directives.
- REPUBLIC OF TURKEY MINISTRY OF ENVIRONMENT AND URBANIZATION, KKDIK REGULATION, ANNEX-2
- Other resources.

16.9 Additional Information

This safety data sheet has been prepared based on the information and documents received from the product owner company. The preparer of the SDS cannot be held responsible for the erroneous arrangement of the SDS prepared due to incomplete or incorrect information and documents, and for the material damages and moral negativities that the product owner company may encounter due to this reason. This SDS is in addition to, but does not replace, the manufacturer's instructions. The above information is given as health and safety data. It is not legally binding and does not create a contractual

relationship. The information in this information relates to the specific material(s) mentioned in this text and does not apply to materials used in combination with other materials or in any process, and materials that have been modified or treated, unless otherwise stated in the text. It should be applied by the method specified on the product label and product data sheet in this form. The information found includes the regulatory criteria known during the preparation of the Safety Form. The necessary information has been prepared based on the KKDİK regulation. Relevant institutions and individuals are requested to act in accordance with this regulation.

The product-related information in this Safety Data Sheet has been compiled from what is known about the individual ingredients. The data here are based on current knowledge and experience. This Safety Data Sheet examines the product in terms of safety requirements and does not make any guarantees regarding the product's features. The data here is valid only when the product is used for the appropriate application(s). The product is not sold as suitable for other applications. Its use in applications other than its intended use may lead to risks not mentioned in this list. Do not use for other application(s) without consulting the manufacturer. The sections that say “No Information” or “No Data” indicate that there is no definite information obtained in the studies.

- SDS: Safety Data Sheet
- OJ: Offical Journal
- Within the framework of the “Regulation on Classification, Labeling and Packaging of Substances and Mixtures” dated 10.12.2020 and No: 31330
- CLP: Classification, Labeling, Packaging
- GHS: Global Harmonised System
- Within the framework of the “Regulation on the Preparation and Distribution of Safety Data Sheets for Dangerous Substances and Preparations” dated 26 December 2008 and No. 27092
- 67/548/EEC – European Union substances directive
- EINECS: European Inventory of Existing Commercial Chemical Substances.
- CAS: Chemical Abstracts Service Number (American Chemical Society Division).
- SAE: Regulation on Classification, Packaging and Labeling of Hazardous Substances published in OJ.-26/12/2008-27092
- DSD: Dangerous Substances Directive
- SEA: Regulation on Classification, Labeling and Packaging of Substances and Mixtures published in OJ.-11/12/2013-28848
- NIOSH: The National Institute for Occupational Safet yand Health
- TWA: Time weighted Average
- Mg/m3: The amount of substance in milligrams in 1 m3 air at pressure (760 mm mercury pressure) at 20 oC and 101.3 KPa.
- ppm: parts per million
- CEN: ComiteEuropeen de Normalisation
- NTP: National Toxicology Program
- UZEM: National Poison Information Center
- IMO: International Maritime Organization
- IARC: The International Agency for Research on Cancer
- OSHA : Occupational Safety and Health Association
- Ref: MSDS Bromine Tablet, ShanghaiHenglijieCo.Limited.
- EWC : European Waste Katalog
- 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 In land Waterways
- IMDG: International Maritime Code for Dangerous Goods
- ICAO: International Civil Aviation Organization
- IATA: International Air Transport Association
- N.O.S: Not Otherwise Specified
- STOT: Specific Target Organ Toxicity
- C: Concantration

SAFETY DATA SHEET PREPARED
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Chemical Engineer- Nurhan KOÇ
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Certificate Validity Date:05.12.2028
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