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

1.1 Product identifier

1.2 Product name:
TEQINB 45

1.3 Relevant identified uses of the substance or mixture and uses advised against Identified uses: Surfactant

1.4 Details of the supplier of the safety datasheet COMPANY IDENTIFICATION

Kale Kimya Kimyevi Maddeler A.Ş Turgut Esentepe Mah. Milangaz Cad. Vizyon Bulvar No : 77/A 34870 Kartal-İstanbul / Turkey

Customer Information Number:
+90 216 586 07 70

1.5 EMERGENCY TELEPHONE NUMBER

Local Emergency Contact: 114

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No

1272/2008:

Causes skin irritation /Skin irritation, Category 2 –

H315 Serious eye damage/eye irritation - Category 2 -

H319 For the full text of the H-Statements mentioned

in this Section, see Section 16.

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2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008:



Hazard pictograms

Signal word: **DANGER**

Hazard statements

H315 Causes skin irritation. H319
Serious eye damage

Precautionary statements

P264 Wash with water thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P362 Take off contaminated clothing.
P302+352 IF ON SKIN: Wash with plenty of water and soap
P332+313 If skin irritation occurs: Get medical advice/attention.
P305 + P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,
+ P338 if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists get medical advice/attention.

2.3 Other hazards

No data available

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature: Cocamidopropyl Betaine
3.2 Mixtures

This product is a mixture.

CASRN / EC-No. /	REACH Registratio n Number	Concentration	Component	Classification: REGULATION (EC) No 1272/2008
61789-40-0 263-058-8	-	>= 34 < 37	1-Propanaminium, 3- amino-N- (carboxymethyl)- N,N- dimethyl-, N-coco acyl derivs., hydroxides, inner salts	Skin irritation, 2 –H315 Eye irritation ,2 - H319

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4. FIRST AID MEASURES**4.1 Description of first aid measures**

Inhalation: Move to fresh air. Give artificial respiration if breathing has stopped. If symptoms persist, call a physician.

Skin contact: IMMEDIATELY get under a safety shower. Remove contaminated clothing. Wash off with soap and water. Immediate medical attention is required. Wash contaminated clothing before re- use.
Discard contaminated shoes, belts, and other articles made of leather.

Eye contact: Rinse immediately with plenty of water for at least 15 minutes. Immediate medical attention is required.

Ingestion: IF SWALLOWED: DO NOT induce vomiting. IMMEDIATELY see a physician. Never give anything by mouth to an unconscious person. Call the national information center or physician

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

No relevant data found.

4.3 Indication of any immediate medical attention and special treatment needed Notes to physician:

No relevant data found.

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SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Dry chemicals, Carbondioksit, water sprey, foam

Unsuitable extinguishing media: No data available

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:

carbonmonoxides,nitrogen oxides andamine vapour

5.3 Advice for firefighters

Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed. Fight fire from protected location or safe distance. Immediately withdraw all personnel from the area in case of rising sound from venting safety device or discoloration of the container. Move container from fire area if this is possible without hazard. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage

Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective suit

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Use appropriate safety equipment. Do not touch eyes and skin. Remove all sources of ignition that could cause.

6.2 Environmental precautions: Do not allow material to contaminate ground water system. Prevent product from entering drains.

6.3 Methods and materials for containment and cleaning up:

Absorb with materials such as: Sand. Vermiculite. Collect in suitable and properly labeled container. Contain spilled material if possible. Pump into suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.

6.4 Reference to other sections: References to other sections, if applicable, have been provided in the previous sub-sections.

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SECTION 7. HANDLING AND STORAGE

7.1 **Precautions for safe handling:** For personal protection see section 8. Do not handle material near food, feed or drinkingwater. Avoid contact with eyes, skin, and clothing. Do not swallow. Wash thoroughly after handling.

7.2 **Conditions for safe storage, including any incompatibilities:** Keep in a well-ventilated place. The product as supplied may evolve gas (largely carbon dioxide) slowly. To prevent the buildup of pressure the product is packaged in specially vented containers, where necessary. Keep this product in the original container when not in use. Container must be stored and transported in an upright position to prevent spilling the contents through the vent, where fitted. Do not store this material in containers made of the following: steel Do not store this material near food, feed or drinking water. CONTAINERS MAY BE HAZARDOUS WHEN EMPTY. Since emptied containers retain product residue follow all MSDS and label warnings even after container isemptied.

Storage stability

Storage temperature: under 40 °C

7.3 Specific end use(s): See the technical data sheet on this product for further information.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure limits are listed below, if they exist.

8.2 Exposure controls

Engineering controls: Provide ventilation of the warehouses and work area.

Protective measures: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Individual protection measures

Eye/face protection: Use chemical splash goggles and face shield .Eye protection worn must be compatible with respiratory protection system employed.

Skin protection: Wear as appropriate: Chemical resistant apron complete suit protecting against chemicals

Hand protection: Chemical-resistant gloves should be worn whenever this material is handled. The glove(s) listed below may provide protection against permeation

Respiratory protection:It does not require an application under normal conditions.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties** Appearance

Physical state	liquid
Color	colorless to pale yellow
clear	
Odor	inoffensive, odor
Odor Threshold	No data available
pH	4,5-5,5
Melting point/range	No data available
Freezing point	No data available
Boiling point (760 mmHg)	No data available
Flash point	No data available
Flammability (solid, gas)	Not Applicable
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Vapor Pressure	No data available
Water solubility	completely soluble
The solubility in other solvents	Ethanol, isopropanol
Auto-ignition temperature	Not applicable
Decomposition temperature	No data
available Kinematic Viscosity	No data
available	
Explosive properties	No data available
Oxidizing properties	No data available.

9.2 Other information

Molecular weight No data available

NOTE: The physical data presented above are typical values and should not be construed as a specification.

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SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity: Stable under recommended storage conditions product will not decompose
- 10.2 Chemical stability: No data available
- 10.3 Possibility of hazardous reactions: Stable under recommended storage conditions. Product will not decompose.
- 10.4 Conditions to avoid: Avoid temperatures above 40°C
- 10.5 Incompatible materials: Avoid contact with the following: Oxidizing agents
- 10.6 Hazardous decomposition products: Carbon oxide, nitrogen oxide, and amine vapour

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological information appears in this section when such data is available.

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity

- LD50, Rabbit >5000 mg/kg (aqueous solution)
LD50, Rabbit >1500 mg active matter /kg

Acute dermal toxicity

- LD50, Rabbit, > 2000mg/kg (aqueous solution)
LD50, Rabbit, >600 mg active matter /kg

Acute inhalation toxicity

No data available

Skin corrosion/irritation

This material causes skin burns.

Serious eye damage/eye irritation

This material causes eye irritation

Sensitization

No data available

Specific Target Organ Systemic Toxicity (Single Exposure)

Product test data not available. Refer to component data.

Specific Target Organ Systemic Toxicity (Repeated Exposure)

Product test data not available. Refer to component data.

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Carcinogenicity

Product test data not available. Refer to component data.

Teratogenicity

Product test data not available. Refer to component data.

Reproductive toxicity

Product test data not available. Refer to component data.

Mutagenicity

Product test data not available. Refer to component data.

Aspiration Hazard

Product test data not available. Refer to component data.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicological information appears in this section when such data is available.

General Information

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.1 Toxicity**Acute toxicity to fish**

No data available

Acute toxicity to aquatic invertebrates

No data available

Acute toxicity to algae/aquatic plants

No data available

Toxicity to bacteria

No data available

12.2. Persistence and degradability**12.3. Biodegradability** : No data available**12.4. Bioaccumulative potential****12.5. Bioaccumulation** : No data available

Mobility in soil Mobilite: No data available.

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12.6. Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

12.7. Other adverse effects

Additional information on ecology: Given information is based on data content and ecotoxicology of similar substances. Material should not be allowed to water pipes, sewage or soil .

SECTION 13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

Product: In accordance with local and national laws;
Do not mix with sewage
Do not dispose together with normal waste.

Contaminated packaging: For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations
Dispose of unused product.

SECTION 14. TRANSPORT INFORMATION**Classification for ROAD and Rail transport (ADR/RID):**

- | | |
|-----------------------------------|--|
| 14.1 UN number | Not applicable |
| 14.2 Proper shipping name | Not regulated for transport |
| 14.3 Class | Not applicable |
| 14.4 Packing group | Not applicable |
| 14.5 Environmental hazards | Not considered environmentally hazardous based on available data |
| 14.6 Special precautions for user | No data available. |

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Classification for SEA transport (IMO-IMDG):

- | | | |
|------|--|--|
| 14.1 | UN number | Not applicable |
| 14.2 | Proper shipping name | Not regulated for transport |
| 14.3 | Class | Not applicable |
| 14.4 | Packing group | Not applicable |
| 14.5 | Environmental hazards | Not considered environmentally hazardous based on available data |
| 14.6 | Special precautions for user | No data available. |
| 14.7 | Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code | Consult IMO regulations before transporting ocean bulk |

Classification for AIR transport (IATA/ICAO):

- | | |
|------------------------------|-----------------------------|
| UN number | Not applicable |
| Proper shipping name | Not regulated for transport |
| Class | Not applicable |
| Packing group | Not applicable |
| Environmental hazards | Not applicable |
| Special precautions for user | No data available. |

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

SECTION 15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH Regulation (EC) No 1907/2006

The aforementioned indications of the REACH registration status are provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or

implied, is given. It is the buyer's/user's responsibility to ensure that his/her understanding of the regulatory status of this product is correct.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Listed in Regulation: Not applicable

15.2 Chemical Safety Assessment

Not applicable

SECTION 16. OTHER INFORMATION

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

H315 Causes skin irritation.

H319 Serious eye damage

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008

Causes skin irritation /Skin irritation, Category 2 – H315- Calculation method

Serious eye damage/eye irritation - Category 2 - H319- Calculation method

Information Source and References

This (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to

become aware of and understand the data contained in this (M)SDS and any hazards associated with the

product. The information herein is provided in good faith and believed to be accurate as of the effective date

shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to

change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his

activities comply with all federal, state, provincial or local laws. The information presented here pertains only

to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this

product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not

and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained

an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us

for the most current version.