



SAFETY DATA SHEET
STAB TP CZ 281 (Ca /Zn PVC stabilizer)
According to Regulation (EU) No 2015/830

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

1.1. Product identifier

Product name STAB TP CZ 281 (Ca /Zn PVC stabilizer)

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

Identified uses Cable , pipe & sheet

1.3. Details of the supplier of the safety data sheet

Manufacturer Tepe Kimya San. ve Tic. A.Ş.
Aydınlı Mahallesi Mobilyacılar Küçük Sanayi Sitesi
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Tel: +90 216 593 19 20
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Contact Person Halil Boztepe(Mr)

1.4. Emergency telephone number

Tepe Kimya : +90 546 492 14 10 (7 / 24)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification ((EC) No 1272/2008)	Physical hazards	Not Classified
	Health hazards	Skin Irrit. 2 - H315, Eye Dam. 1 - H318, STOT SE 3 - H335
	Environmental hazards	Not Classified

The Full Text for all hazard statements are displayed in section 16.

2.2. Label elements

Label In Accordance With (EC) No 1272/2008

Pictogram



Signal word Danger

Contains Calcium hydroxide

Hazard statements

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.



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Precautionary statements

P261	Avoid breathing dust or mist.
P264	Wash contaminated skin thoroughly after handling.
P280	Wear protective gloves, eye and face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P501	Dispose of contents/container in accordance with national regulations

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Chemical Description: Calcium Zinc Non Toxic PVC Stabilizer

The Full Text for all hazard statements are displayed in section 16.

Composition Comments

The data shown are in accordance with the latest EC Directives.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion

Never give liquid to an unconscious person. Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Flush skin thoroughly with water. Get medical attention if irritation persists after washing.

Eye contact

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

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

Inhalation : May cause respiratory tract irritation.

Ingestion : Nausea, vomiting.

Skin contact : May cause irritation.

Eye contact : May cause severe eye irritation.



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4.3. Indication of any immediate medical attention and special treatment needed

No specific treatment. Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

No data available.

5.2. Special hazards arising from the substance or mixture

In case of fire, toxic gases may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. Dike and collect extinguishing water.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8. Avoid inhalation of dust. Avoid dust formation.

In presence of powdery product, use full-face protective mask with filter.

Avoid contact with eyes and prolonged skin contact. Provide adequate ventilation.

6.2. Environmental precautions

Avoid discharge into water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. Avoid generation and spreading of dust. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into closed container. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

6.4. Reference to other sections

For personal protection, see section 8.

See section 11 for additional information on health hazards.

For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Protect against direct sunlight.

Eye wash facilities and emergency shower must be available when handling this product.

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

Do not eat, drink or smoke when using the product. Avoid inhalation of dust and contact with skin and eyes.

Observe occupational exposure limits and minimise the risk of inhalation of dust. Avoid handling which leads to dust formation.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

Keep away from food, drink and animal feeding stuffs. Avoid contact with water and humidity. Keep out of the reach of children.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
Calcium dihydroxide	ACGIH	---	5 mg/m ³	---	---	---
Calcium dihydroxide	OSHA	Total dust 15 mg/m ³ Respirable dust 5 mg/m ³				
Zinc distearate	NIOSH IDLH	---	5 mg/m ³	---	10 mg/m ³	---
Zinc distearate	ACGIH	---	10 mg/m ³	---	---	---

NIOSH IDLH = The National Institute for Occupational Safety and Health Immediately Dangerous to Life or Health
ACGIH = American Conference of Governmental Industrial Hygienists
TWA = Time weighted average.
STEL = Short term exposure limit.

8.2. Exposure controls

Protective equipment



Process Conditions

Provide eyewash station.

Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of dust.

Respiratory equipment

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m³.

Hand protection

Use suitable protective gloves if risk of skin contact.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Promptly remove any clothing that becomes contaminated. Isolate contaminated clothing and wash before reuse.

Skin protection

Wear apron or protective clothing in case of contact.

Environmental Exposure Controls

Please act in accordance with local and national laws.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance Powder.
Colour White.



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Odour	Odorless.
Solubility	Insoluble in water.
Initial boiling point and boiling range	Decomposes.
Melting point (°C)	110
pH Value - intense	No data available.
pH Value - solution	No data available.
Viscosity	No data available.
Decomposition temperature	No data available.
Flash point	No data available.
Auto Ignition Temperature (°C)	No data available

9.2. Other information

No information required.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Will not polymerise.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None under normal conditions. Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Calcium dihydroxide

LD50 Oral - sıçan 7340 mg/kg

Zinc distearate

LD50 Oral - sıçan >5000 mg/kg

LD50 Dermal - sıçan >2000 mg/kg

Skin irritation / corrosivity

Causes skin irritation.

Serious eye damage/ Irritation:

Causes serious eye damage.



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Skin and sensitization:

Adverse effects are not expected.

Germ cell mutagenicity (in vitro - in vivo):

No information available.

Carcinogenicity:

No information available.

Reproductive toxicity (Fertility – Developmental):

No information available.

Inhalation

High concentrations of dust may irritate throat and respiratory system and cause coughing.

Ingestion

May cause discomfort if swallowed.

Gastrointestinal symptoms, including upset stomach. No harmful effects expected in amounts likely to be ingested by accident.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

Calcium dihydroxide

Toxicity to fish

LC50 - Clarias gariepinus - 33.884 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates

EC50 - Daphnia magna (Water flea) - 49,1 mg/l - 48 h (OECD Test Guideline 202)

Toxicity to algae

EC50 - Pseudokirchneriella subcapitata (green algae) - 184,6 mg/l - 72 h (OECD Test Guideline 201)

Zinc distearate

Toxicity to fish LC50 - 1.7-20 mg/l - 96 h

12.2. Persistence and degradability

Calcium dihydroxide

Readily biodegradable.

Zinc distearate

Result: 50 % - Readily biodegradable.

12.3. Bioaccumulative potential

Calcium dihydroxide

Does not bioaccumulate.

12.4. Mobility in soil

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

No information required.



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SECTION 13: DISPOSAL CONSIDERATIONS

General information

This product is not hazardous waste. The finished product can be disposed of as household waste.

13.1. Waste treatment methods

Empty containers, Dispose of waste and residues in accordance with local authority requirements.

Environmental manager must be informed of all major spillages.

SECTION 14: TRANSPORT INFORMATION

General The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Proper Shipping Name

Not applicable.

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References

Chemicals (Hazard Information & Packaging) Regulations.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.



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SECTION 16: OTHER INFORMATION

Information Sources

This SDS is prepared based on the information received from the product owner.

Revision Comments

Revised section 2,3 and 16. Revised format of SDS.

Issued By

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Risk Phrases In Full

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.