



**SAFETY DATA SHEET**  
**STAB TP CZ 283 (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 283 (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  
Yan Yol Caddesi Melodi Sokak. No:2/28  
Tuzla-Istanbul/TURKEY  
Tel: +90 216 593 19 20  
Fax: +90 216 593 19 25  
Email: info@tepekimya.com  
Web: [www.tepekimya.com](http://www.tepekimya.com)

**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**

<b>Classification ((EC) No 1272/2008)</b>	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.



**SAFETY DATA SHEET**  
**STAB TP CZ 283 (Ca /Zn PVC stabilizer)**  
According to Regulation (EU) No 2015/830

**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.



## **SAFETY DATA SHEET**

### **STAB TP CZ 283 (Ca /Zn PVC stabilizer)**

According to Regulation (EU) No 2015/830

#### **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.



**SAFETY DATA SHEET**  
**STAB TP CZ 283 (Ca /Zn PVC stabilizer)**  
According to Regulation (EU) No 2015/830

**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 <sup>3</sup>	---	---	---
Calcium dihydroxide	OSHA	Total dust 15 mg/m <sup>3</sup> Respirable dust 5 mg/m <sup>3</sup>				
Zinc distearate	NIOSH IDLH	---	5 mg/m <sup>3</sup>	---	10 mg/m <sup>3</sup>	---
Zinc distearate	ACGIH	---	10 mg/m <sup>3</sup>	---	---	---

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/m<sup>3</sup>.

**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.



**SAFETY DATA SHEET**  
**STAB TP CZ 283 (Ca /Zn PVC stabilizer)**  
According to Regulation (EU) No 2015/830

<b>Odour</b>	Odorless.
<b>Solubility</b>	Insoluble in water.
<b>Initial boiling point and boiling range</b>	Decomposes.
<b>Melting point (°C)</b>	110
<b>pH Value - intense</b>	No data available.
<b>pH Value - solution</b>	No data available.
<b>Viscosity</b>	No data available.
<b>Decomposition temperature</b>	No data available.
<b>Flash point</b>	No data available.
<b>Auto Ignition Temperature (°C)</b>	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 (CO<sub>2</sub>).

**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.



**SAFETY DATA SHEET**  
**STAB TP CZ 283 (Ca /Zn PVC stabilizer)**  
According to Regulation (EU) No 2015/830

**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.



**SAFETY DATA SHEET**  
**STAB TP CZ 283 (Ca /Zn PVC stabilizer)**  
According to Regulation (EU) No 2015/830

**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.



**SAFETY DATA SHEET**  
**STAB TP CZ 283 (Ca /Zn PVC stabilizer)**  
According to Regulation (EU) No 2015/830

---

**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**

Bülent Özdemir/ CRAD  
gbf@crad.com.tr +90 216 3354600

**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.