

# SAFETY DATA SHEET

STAB TP 31 BK According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

SECTION 1: Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Product name	STAB TP 31 BK	
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Identified uses	Industrial use. PVC sewage pipe , PVC pressure pipes.	
1.3. Details of the supplier of	the safety data sheet	
Supplier	Tepe Kimya San. ve Tic. A.Ş. Center office: Aydınlı Mahallesi Mobilyacılar Küçük Sanayi Sitesi Yan Yol Caddesi Melodi Sokak No: 2/28 Tuzla-İstanbul/TÜRKİYE	
	Factory: 2. Organize Sanayi Bölgesi 7. Cadde No: 11 Hendek-Sakarya/TÜRKİYE Tel: +90 216 593 19 20 Fax: +90 216 593 19 25 info@tepekimya.com, www.tepekimya.com	
Contact person	Halil BOZTEPE (Mr)	
1.4. Emergency telephone number		
Emergency telephone	Tepe Kimya : +90 216 593 19 20	
SECTION 2: Hazards identific	cation	
2.1. Classification of the subs	tance or mixture	
Classification (EC 1272/2008)		
Physical hazards	Not Classified	
Health hazards	Acute Tox. 4 - H302 Repr. 1A - H360Df STOT RE 2 - H373	
Environmental hazards	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
2.2. Label elements		
Hazard pictograms		
Signal word	Danger	
Hazard statements	H302 Harmful if swallowed. H360Df May damage the unborn child. Suspected of damaging fertility. H373 May cause damage to organs through prolonged or repeated exposure. H410 Very toxic to aquatic life with long lasting effects.	

Precautionary statements	<ul> <li>P201 Obtain special instructions before use.</li> <li>P260 Do not breathe dust.</li> <li>P273 Avoid release to the environment.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.</li> <li>P330 Rinse mouth.</li> <li>P391 Collect spillage.</li> <li>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>
Contains	Lead distearate, Di Basic Lead Stearate

#### 2.3. Other hazards

No data available.

### SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Polyethylene Wax - (LLDPE)

CAS number: 9002-88-4

#### Classification

Not Classified

#### Lead distearate

CAS number: 1072-35-1	EC number: 214-005-2
M factor (Acute) = 1	M factor (Chronic) = 1

### Classification

Acute Tox. 4 - H302 Acute Tox. 4 - H332 Repr. 1A - H360Df STOT RE 2 - H373 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Di Basic Lead Stearate	
CAS number: 56189-09-4	EC number: 260-043-8
M factor (Acute) = 1	M factor (Chronic) = 1
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H332 Repr. 2 - H361 STOT RE 2 - H373 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

Calcium stearate	
CAS number: 1592-23-0	EC number: 216-472-8
Classification Not Classified	
Octadecyl 3-(3,5-di-tert-but	yl-4-hydroxyphenyl)propionate
CAS number: 2082-79-3	EC number: 218-216-0
Classification Not Classified	
The full text for all hazard sta	atements is displayed in Section 16.
SECTION 4: First aid measu	Ires
4.1. Description of first aid m	neasures
General information	Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.
Ingestion	Rinse mouth thoroughly with water. Remove any dentures. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.
Skin contact	Brush off loose particles from skin. Rinse with water. If in doubt, get medical attention promptly.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.
4.2. Most important symptoms	s and effects, both acute and delayed
General information	See Section 11 for additional information on health hazards.
Inhalation	Dust may irritate the respiratory system. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.
Ingestion	May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.
Skin contact	Prolonged contact may cause dryness of the skin.
Eye contact	Dust may cause slight irritation.
4.3. Indication of any immediate medical attention and special treatment needed	
Notes for the doctor	Treat symptomatically.

## SECTION 5: Firefighting measures

5.1. Extinguishing media		
Suitable extinguishing media	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.	
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.	
5.2. Special hazards arising from	om the substance or mixture	
Specific hazards	<b>T</b> 1	
Hazardous combustion products	This product is toxic. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.	
5.3. Advice for firefighters	guodo or rupoulo.	
Protective actions during firefighting	Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.	
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.	
SECTION 6: Accidental release		
6.1. Personal precautions, pro	tective equipment and emergency procedures	
Personal precautions		
6.2. Environmental precautions Environmental precautions	No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure	
6.3. Methods and material for containment and cleaning up	procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material.	
Methods for cleaning up		
	Insoluble in water. Aquatic toxicity is unlikely to occur. However, large or frequent spills may have hazardous effects on the environment. Collect spillage. Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment. Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).	
	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Provide adequate ventilation. Approach the spillage from upwind. Avoid generation and spreading of dust. Small Spillages: Remove spillage with vacuum cleaner or collect with a shovel and broom, or similar.	
	Large Spillages: Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.	

### 6.4. Reference to other sections

0.4. Reference to other secur		
Reference to other sections	For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste	
SECTION 7: Handling and storage	disposal, see Section 13.	
7.1. Precautions for safe han	dling	
Usage precautions		
	Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Avoid handling which leads to dust formation. May damage the unborn child. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure. Suspected of damaging fertility. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.	
Advice on general	West warmath if align because contained at Take off contained al alathing West	
occupational hygiene	Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.	
7.2. Conditions for safe stora	ge, including any incompatibilities	
Storage precautions	Store away from incompatible materials (see Section 10). Store in accordance with local regulations. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.	
Storage class		
7.3 Specific and use(a)	Miscellaneous hazardous material storage.	
7.3. Specific end use(s)		
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.	
SECTION 8: Exposure contro	ols/Personal protection	
8.1. Control parameters		
Occupational exposure limits		
Lead distearate		
	nour TWA): ACGIH 0.05 mg/m³	
Di Basia Load Stearate	, <b>G</b>	

#### **Di Basic Lead Stearate**

Long-term exposure limit (8-hour TWA): 0.05 mg/m<sup>3</sup> ACGIH ACGIH = American Conference of Governmental Industrial Hygienists.

#### Di Basic Lead Stearate (CAS: 56189-09-4)

**Biological limit values** 

300 µg/l Blood

### 8.2. Exposure controls

#### Protective equipment



Eye/face protectionEyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.Hand protectionChemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended. For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber.Other skin and body protectionAppropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be worn if a risk assessment indicates inhalation of ont annination should be corried out. Warn cleaning personnel of any hazardous properties of the product.Respiratory protectionRespiratory protection complying with an approved standard build be worn if a risk assessment indicates inhalation of ontaminants is possible. Protection against nuisance dust mask at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.	Appropriate engineering controls	Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise exposure.
a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended. For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber.Other skin and body protectionAppropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.Hygiene measuresProvide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be worn if a risk assessment indicates inhalation of contaminants is possible. Protection against nuisance dust must me cleaning personnel of any hazardous properties of the product.Respiratory protectionRespiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m3. Wear a suitable dust mask. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'- marked. Check that the respirator fits tightly and the filter is changer regulary. Gas and combination filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridg	Eye/face protection	eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Unless the assessment indicates a higher degree of
protectionshould be worn if a risk assessment indicates skin contamination is possible.Hygiene measuresProvide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.Respiratory protectionRespiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m3. Wear a suitable dust marked. Check that the respiratory protective equipment is suitable for its intended use and is 'CE'- marked. Check that the respiratory protective equipment is suitable for its intended use and is 'CE'- marked. Check that the respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Store in a	Hand protection	a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product. <b>Respiratory protection</b> Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m3. Wear a suitable dust mask. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'- marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14387. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN1436. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.Environmental exposure controlsKeep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Store in a		
<ul> <li>assessment indicates inhalation of contaminants is possible. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m3. Wear a suitable dust mask. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14387. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.</li> <li>Environmental exposure container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Store in a</li> </ul>	Hygiene measures	allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried
controlsequipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Store in a	Respiratory protection	assessment indicates inhalation of contaminants is possible. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m3. Wear a suitable dust mask. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'- marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14387. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with
SECTION 9: Physical and chemical properties	controls	equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Store in a demarcated bunded area to prevent release to drains and/or watercourses.

### 9.1. Information on basic physical and chemical properties

Appearance	Flakes.
Colour	White.
Odour	Fatty acid odor.
Odour threshold	No information available.
Melting point	80°C

Initial boiling point and range	No information available.
Flash point	Not applicable.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	No information available.
Bulk density	No information available.
Solubility(ies)	Insoluble in water.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Viscosity	No information available.
Explosive properties	No information available.
Oxidising properties	No information available.
9.2. Other information	
Other information	None.
SECTION 10: Stability and rea	activity
10.1. Reactivity	
Reactivity	See the other subsections of this section for further details.
10.2. Chemical stability	
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
10.3. Possibility of hazardous	reactions
Possibility of hazardous reactions	No potentially hazardous reactions known.
10.4. Conditions to avoid	
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
10.5. Incompatible materials	
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
10.6. Hazardous decomposition products	
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.
SECTION 11: Toxicological in	formation
11.1. Information on toxicolog	ical effects
Acute toxicity - oral Notes (oral LD₅o)	Acute Tox. 4 - H302 Harmful if swallowed.

ATE oral (mg/kg)	1,923.08
------------------	----------

Acute toxicity - dermal Notes (dermal LD₅₀)	Based on available data the classification criteria are not met.
Acute toxicity - inhalation Notes (inhalation LC∞)	Based on available data the classification criteria are not met.
ATE inhalation (dusts/mists mg/l)	5.77
Skin corrosion/irritation Skin corrosion/irritation	Based on available data the classification criteria are not met.
Serious eye damage/irritation Serious eye damage/irritation	Based on available data the classification criteria are not met.
Respiratory sensitisation Respiratory sensitisation	Based on available data the classification criteria are not met.
Skin sensitisation Skin sensitisation	Based on available data the classification criteria are not met.
Germ cell mutagenicity Genotoxicity - in vitro	Based on available data the classification criteria are not met.
Carcinogenicity Carcinogenicity	Based on available data the classification criteria are not met.
IARC carcinogenicity	None of the ingredients are listed or exempt.
Reproductive toxicity Reproductive toxicity - fertility	Suspected of damaging fertility.
Reproductive toxicity - development	May damage the unborn child.
Specific target organ toxicity -	single exposure
STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.
Specific target organ toxicity - STOT - repeated exposure	<b>repeated exposure</b> STOT RE 2 - H373 May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard Aspiration hazard	Not relevant. Solid.
General information	Avoid contact during pregnancy/while nursing. May damage fertility. Dust may irritate the eyes and the respiratory system. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Dust may irritate the respiratory system. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.
Ingestion	May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.
Skin contact	Prolonged contact may cause dryness of the skin.
Eye contact	Dust may cause slight irritation.
Route of exposure	Ingestion Inhalation Skin and/or eye contact
Target organs	No specific target organs known.

### Toxicological information on ingredients.

	Lead distearate		
Acute toxicity - o	ral		
ATE oral (mg/kg			
Acute toxicity - in			
ATE inhalation (dusts/mists mg/	1.5		
	Di Basic Lead Stearate		
Acute toxicity - o	ral		
ATE oral (mg/kg	) 500.0		
Acute toxicity - in	halation		
ATE inhalation (dusts/mists mg/	1.5 I)		
SECTION 12: Ecological infor	mation		
12. <u>1. Toxicity</u>			
Toxicity	Aquatic Acute 1 - H400 Very toxic to aquatic life. Aquatic Chronic 1 - H410 Very toxic to aquatic life with long lasting effects.		
Ecological information on ingr	edients.		
	Lead distearate		
Acute aquatic to	xicity		
LE(C)₅₀	0.1 < L(E)C50 ≤ 1		
M factor (Acute)	1		
Chronic aquatic t	oxicity_		
M factor (Chronic	<b>c)</b> 1		
	Di Basic Lead Stearate		
Acute aquatic to			
LE(C)50	0.1 < L(E)C50 ≤ 1		
M factor (Acute)	1		
Chronic aquatic t			
M factor (Chronic			
12.2. Persistence and degrada			
	The degradability of the product is not known. The product contains inorganic substances which are not biodegradable.		
12.3. Bioaccumulative potentia	al		
Bioaccumulative potential	No data available on bioaccumulation. The product contains potentially bioaccumulating substances.		

Partition coefficient No information available.

12.4. Mobility in soil	
Mobility	The product is insoluble in water.
12.5. Results of PBT and vPvB	assessment
Results of PBT and vPvB assessment	No data available.
12.6. Other adverse effects	
Other adverse effects	None known.
SECTION 13: Disposal considerations	
<u>13.1. Waste treatment</u> <u>methods</u> General information	The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and
	any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.
Disposal methods	Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.
SECTION 14: Transport information	
General	For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.
14.1. UN number	
UN No. (ADR/RID)	3077
UN No. (IMDG) UN	3077
No. (ICAO) UN No.	3077
(ADN)	3077
14.2. UN proper shipping name	
Proper shipping name (ADR/RID)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS Lead distearate, Di Basic Lead Stearate)
Proper shipping name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS Lead distearate, Di Basic Lead Stearate)
Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS Lead distearate, Di Basic Lead Stearate)
Proper shipping name (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS Lead distearate, Di Basic Lead Stearate)
14.3. Transport hazard class(es)	
ADR/RID class	9
ADR/RID classification code	M7

ADR/RID label	9
IMDG class	9
ICAO class/division	9
ADN class	9

#### **Transport labels**

14.4. Packing group	
ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



#### 14.6. Special precautions for user

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

F-A, S-F
3
2Z
90
(-)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC

<u>Code</u> Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

### SECTION 15: Regulatory information

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

National regulationsHealth and Safety at Work etc. Act 1974 (as amended).The Carriage of Dangerous Goods and Use of Transportable Pressure<br/>Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].EH40/2005 Workplace exposure limits.

EU legislation	<ul> <li>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18</li> <li>December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).</li> <li>Commission Regulation (EU) No 2015/830 of 28 May 2015.</li> <li>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16</li> <li>December 2008 on classification, labelling and packaging of substances and mixtures (as amended).</li> </ul>
Restrictions (Annex XVII Regulation 1907/2006)	Restricted to industrial use and to professionals approved in certain EU Member States — verify where use is allowed. Entry number: 63
Seveso Directive - Control of major accident hazards	E1 Lower-tier 100 tonnes Upper-tier 200 tonnes.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### **SECTION 16: Other information**

Abbreviations and acronyms used in the safety data sheet	<ul> <li>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</li> <li>ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.</li> <li>RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.</li> <li>IATA: International Air Transport Association.</li> <li>ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.</li> <li>IMDG: International Maritime Dangerous Goods.</li> <li>CAS: Chemical Abstracts Service.</li> <li>ATE: Acute Toxicity Estimate.</li> <li>LCso: Lethal Concentration to 50 % of a test population.</li> <li>LDso: Lethal Dose to 50% of a test population (Median Lethal Dose).</li> <li>ECso: 50% of maximal Effective Concentration.</li> <li>PBT: Persistent, Bioaccumulative and Toxic substance.</li> <li>vPvB: Very Persistent and Very Bioaccumulative.</li> </ul>
Classification abbreviations and acronyms	Acute Tox. = Acute toxicity Repr. = Reproductive toxicity STOT RE = Specific target organ toxicity-repeated exposure Aquatic Acute = Hazardous to the aquatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Key literature references and sources for data	This SDS is prepared based on the information received from the product owner. Source: European Chemicals Agency, http://echa.europa.eu/
Classification procedures according to Regulation (EC) 1272/2008	Acute Tox. 4 - H302: STOT RE 2 - H373: Repr. 1A - H360Df: : Calculation method. Aquatic Acute 1 - H400: Aquatic Chronic 1 - H410: : Calculation method.
Training advice	Read and follow manufacturer's recommendations. Only trained personnel should use this material.
Revision comments	This is the first issue.
Issued by	Bülent Özdemir / CRAD gbf@crad.com.tr
Revision date	30/01/2020

Revision	1,0
Supersedes date	30/01/2020
SDS number	9891
Hazard statements in full	<ul> <li>H302 Harmful if swallowed.</li> <li>H332 Harmful if inhaled.</li> <li>H360Df May damage the unborn child. Suspected of damaging fertility.</li> <li>H361 Suspected of damaging fertility or the unborn child.</li> <li>H373 May cause damage to organs through prolonged or repeated exposure.</li> <li>H373 May cause damage to organs through prolonged or repeated exposure if swallowed.</li> <li>H373 May cause damage to organs (Larynx) through prolonged or repeated exposure if swallowed.</li> <li>H400 Very toxic to aquatic life.</li> <li>H410 Very toxic to aquatic life with long lasting effects.</li> </ul>

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.