CI TCI EUROPE N.V.

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Rev	ision number: 1	Revision date: 10/03/2018
SECTION 1: Identification of the s	ubstance/mixture and of the company/undertak	kina
1.1 Product identifiers		
Product name:	Tetrabutylammonium Phosphate (0.5mol/L in Water)	[Reagent for Ion-Pair Chromatography]
Product code:	10367	
1.2 Relevant identified uses of the sub Identified uses:	stance or mixture and uses advised against Reagents.	
1.3 Details of the supplier of the safety	^y data sheet	
Supplier:		
TCI EUROPE N.V.		
Boerenveldseweg 6		
Haven 1063		
B-2070 Zwijndrecht		
Telephone: +32(0)3 735 07 00		
E-mail: sales-eu@tcichemicals	3.com	
1.4 Emergency telephone number:	+32(0)70 245 245	
SECTION 2: Hazards identification		
2.1 Classification of the substance or		
Skin corrosion/irritation	Category 2	
Serious eye damage/eye irritation	Category 2	
2.2 Label elements Pictograms or hazard symbols		
Signal word Hazard statements Precautionary statements	Warning H315-Causes skin irritation. H319-Causes serious eye irritation. P264-Wash hands and face thoroughly after handling	J.
	P280-Wear protective gloves, eye protection. P302+P352+P332+P313+P362+P364-IF ON SKIN: V Get medical advice or attention. Take off contaminate P305+P351+P338+P337+P313-IF IN EYES: Rinse ca contact lenses, if present and easy to do. Continue rin or attention.	ed clothing and wash it before reuse. autiously with water for several minutes. Remove
2.3 Other hazards		
Results of PBT and vPvB assessme	nt	
PBT:	Not applicable	
vPvB:	Not applicable	
SECTION 3: Composition/informa	tion on ingredients	
3.2 Mixtures		
Components:	Tetrabutylammonium Phosphate (0.5mol/L in Water)	[Reagent for Jon-Pair Chromatography]
•		
Percent: CAS RN:		
	5574-97-0	
EC-No:	226-947-1	
Synonyms:	IPC-TBA-P (0.5mol/L in Water)	
Chemical Formula:	C16H37NO·xH3PO4	
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Ion-Pair Chromatography]

SECTION 4: First aid measures	
4.1 Description of first aid measures	
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Skin contact:	Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion:	Get medical advice/attention if you feel unwell. Rinse mouth.
Protection of first-aiders:	A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

4.2 Most important symptoms and effects, both acute and delayed No data available

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4.3 Indication of any immediate medical attention and special treatment needed No data available

SECTION 5: Firefighting measures	
5.1 Extinguishing media Suitable extinguishing media:	Dry chemical, foam, water spray, carbon dioxide.
5.2 Special hazards arising from the substance or mixture	Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume. Carbon dioxide, Carbon monoxide, Nitrogen oxides (NOx), Phosphorus oxides
5.3 Advice for firefighters	Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so. When extinguishing fire, be sure to wear personal protective equipment
SECTION 6: Accidental release mea	
6.1 Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc
6.2 Environmental precautions	Prevent product from entering drains
6.3 Methods and materials for containment and cleaning up	Absorb spilled material in a suitable absorbent (e.g. rag, dry sand, earth, saw-dust). In case of large amount of spillage, contain a spill by bunding. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
6.4 Reference to other sections	For disposal see section 13.
SECTION 7: Handling and storage	
7.1 Precautions for safe handling	Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent generation of vapour or mist. Wash hands and face thoroughly after handling. Use a ventilation, local exhaust if vapour or aerosol will be generated. Avoid contact with skin, eyes and clothing.
7.2 Conditions for safe storage, including any incompatibilities	Keep container tightly closed. Store in a cool and dark place. Store under inert gas. Store away from incompatible materials such as oxidizing agents. Light-sensitive, Air-sensitive
7.3 Specific end use(s)	No further relevant information available.
SECTION 8: Exposure controls/per	sonal protection
8.1 Control parameters	No data available
8.2 Exposure controls	Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.
Respiratory protection: Hand protection: Eye protection: Skin and body protection:	Vapor respirator. Follow local and national regulations. Protective gloves. Safety glasses. A face-shield, if the situation requires. Protective clothing. Protective boots, if the situation requires.

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	(0.5mol/L in Water) [Reagent for	
	Ion-Pair Chromatography]	

SECTION 9: Physical and chemical properties 9.1 Information on basic physical and chemical properties

9.1 Information on basic physical and chemical properties Physical state (20°C):Liquid Form:Form:ClearColour:ColorlessOdour:No data available pH:pH:7.1 - 7.7Melting point/freezing point:No data available Boiling point/range:Boiling point/freezing point:No data available No data availableFlash point:No data available No data availableFlash point:No data available No data availableFlammability(solid, gas):No data available No data availableFlammability or explosive limits: Lower:No data available No data availableVapour pressure:No data available No data available Relative density:Vapour density: [Water]No data available No data availablePartition coefficient: n-octanol/water: Autoignition temperature:No data available No data available No data available No data availableParamic Viscosity:No data available No data availablePynamic Viscosity:No data available No data available9.2 Other safety informationNo data available				
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9.2 Other safety information No data available	Kinematic viscosity:	No data available		
9.2 Other safety information No data available				
	9.2 Other safety information	No data available		

SECTION 10: Stability and reactivity		
10.1 Reactivity	No data available	
10.2 Chemical stability	Stable under proper conditions.	
10.3 Possibility of hazardous reactions	No special reactivity has been reported.	
10.4 Conditions to avoid	No data available	
10.5 Incompatible materials	Oxidizing agents	

10.6 Hazardous decomposition products Carbon dioxide, Carbon monoxide, Nitrogen oxides (NOx), Phosphorus oxides

SECTION 11: Toxicological informa	tion	
11.1 Information on toxicological effect		
Acute Toxicity:	No data available	
Skin corrosion/irritation:	No data available	
Serious eye damage/irritation:	No data available	
Respiratory or skin sensitization:	No data available	
Germ cell mutagenicity:	No data available	
Carcinogenicity:		
IARC =	No data available	
NTP =	No data available	
Reproductive toxicity:	No data available	
STOT-single exposure:	No data available	
STOT-repeated exposure:	No data available	
Aspiration hazard:	No data available	

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SECTION 12: Ecological informat	ion
12.1 Toxicity	
Fish:	No data available
Crustacea:	No data available
Algae:	No data available
12.2 Persistence and degradability	No data available
12.3 Bioaccumulative potential	No data available
12.4 Mobility in soil	
Log Pow:	No data available
Soil adsorption (Koc):	No data available
Henry's Law (PaM ³/mol):	No data available
12.5 Results of PBT and vPvB assess	ment
PBT:	Not applicable
vPvB:	Not applicable
12.6 Other adverse effects	No data available
SECTION 13: Disposal considera	tions
13.1 Waste treatment methods Recycle to process, if possible. Con	sult your local regional authorities. Observe all federal, state and local regulations when disposing of the
13.1 Waste treatment methods	sult your local regional authorities. Observe all federal, state and local regulations when disposing of the
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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Substance of Very High Concern (SVHC) according to the Not listed REACH Regulations (EC) No.1907/2006

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information	
Prepared by:	TCI EUROPE N.V.
Issue date:	10/03/2018

This SDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. The products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used for behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

End of Safety Data Sheet

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