

Material Safety Data Sheet

Version: 1.0 Creation Date: May 12, 2021 Revision Date: May 12, 2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking				
1.1 Product identifier				
Trade name	Ethyltriphenylphosphonium acetate, 70% inmethanol			
CAS Number:	35835-94-0			
1.2 Relevant identified uses of the substance or mixture and uses advised against. Identified use: SU24 SU24 Scientific research and development				
1.3 Details of the supplier of the safety data	i sheet Manufacturer/Supplier: Kaimosi Biochem Tech CO. LTD			
	Suite# 21A, No. 1 Building, Guodu Development Mansion, No. 182 Chaohui Road, Hangzhou			
	China. 310005			
	Tel : +86 571 87162326			
Emergency telephone number:	+86 18655917701			
SECTION 2: Hazards identification				
2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008				
GHS02 flame				
Flam. Liq. 1 H224 Extremely flammable liquid and vapour.				
GHS06 skull and crossbones				
Acute Tox. 3 H301 Toxic if swallowed.				
Acute Tox. 2 H330 Fatal if inhaled.				
GHS07				
Skin Irrit. 2 H315 Causes skin irritation.				
Eye Irrit. 2 H319 Causes serious eye irritation. STOT SE 3 H335 May cause respiratory irritation.				
Classification according to Directive 67/548/EEC or Directive 1999/45/EC				
Image: T; Toxic R23/25: Toxic by inhalation and if swallowed.				
X; Irritant				
R36/37/38: Irritating to eyes, respiratory sys	tem and skin.			
F; Highly flammable				
R11: Highly flammable. Information concerning particular hazards for human and environment:				
for human and environment: Other hazards that do not result in	Not applicable			
classification	No information known.			

2.2 Label elements Labelling according to Regulation (EC) No					
1272/2008	The substance is classified and labelled according to the CLP regulation.				
Hazard pictograms	GHS02, GHS06				
Signal word Hazard statements	Danger H224 Extremely flammable liquid and vapour.				
	H301 Toxic if swallowed.				
	H330 Fatal if inhaled. H315 Causes skin irritation.				
	H319 Causes serious eve irritation				
Dressutioner, statements	H335 May cause respiratory irritation.				
Precautionary statements	P210 Keep away from heat/sparks/open flames/hot surfaces No smoking. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.				
	P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin				
	with water/shower. 2 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if				
	P320 present and easy to do. Continue rinsing. P320 Specific treatment is urgent (see on this label).				
	P405 Store locked up.				
	P501 Dispose of contents/container in accordance with local/regional/national/international				
2.3 Other hazards	regulations.				
Results of PBT and vPvB assessment					
PBT: vPvB:	Not applicable. Not applicable.				
	Not applicable.				
SECTION 3: Composition/information	on ingredients				
3.1 Substances	25025 04 0 Ethydrighean de beer berium erstete 70% innettenel				
CAS# Designation:	35835-94-0 Ethyltriphenylphosphonium acetate, 70% inmethanol				
SECTION 4: First aid measures					
4.1 Description of first aid measures					
General information	Instantly remove any clothing soiled by the product. Remove breathing apparatus only after soiled clothing has been completely removed.				
	In case of irregular breathing or respiratory arrest provide artificial respiration.				
After inhalation	Supply fresh oir of required provide artificial reconstration. Keen nations warm. Cancult dectar if cumptome				
	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms				
	persist.				
After skin contact	persist. Seek immediate medical advice. Instantly wash with water and soap and rinse thoroughly.				
After skin contact	persist. Seek immediate medical advice. Instantly wash with water and soap and rinse thoroughly. Seek immediate medical advice. Rinse opened eye for several minutes under running water. Then consult doctor.				
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SECTION 7: Handling and storage Keep containers tightly sealed Store in cool, dry place in tightly closed containers. Store in cool, dry place in tightly closed containers. Furue good relation with care. Information about protection against protect against clear storage. Furues can combine with air to form an explosive mixture. 7.2 Conditions for safe storage, including any incompatibilities Rendemments to be met by storerooms and containers. Store in cool location. Store in cool chainers. Store in cool dry place in tightly sealed. Store are avay from oxidizing agents. Partner information about storage Conditions: Store in cool chainers. Store in a cooled cabled or with access restricted to technical experts or their assistants. No further relevant information about design of technical systems: Components with critical values that require add cable or with access restricted to technicals and having an average face velocity of at least 100 feet per minute. Store in a clocked cable or with access restricted to technicals and having an average face velocity of at least 100 feet per minute. Store in clocked cable or with access restricted to technicals and having an average face velocity of at least 100 feet per minute. Store ino parest with acces and access restricted to tec				
Information about protection against explosions and fires: Open and handle container with care. 2 Conditions for safe storage, including any incompatibilities Requirements to be net by storeorons and containers: Protect against electrostatic charges. 2 Conditions for safe storage in one common storage facility: Store in cool location. 7.3 Specific end use(s) Store any from coidizing agents. 7.3 Specific end use(s) Store any from coidizing agents. Store in a locked cabinet or with access restricted to technical experts or their assistants. Store in a locked cabinet or with access restricted to technical experts or their assistants. Store in a locked cabinet or with access restricted to technical experts. Properly agarating chemical fume hood designed for hazardous chemicals and having an average face velocity of a least 100 feet per minute. 8.1 Control parameters Components with critical values that require monitoring at the workplace: Methyl acetate permany TWA 200, 200-STEL Beigium TWA 200 agons Store Finland TWA 200 agons Store With ungary TWA 200 agons Stell With agent agons Store With ungary TWA 200 agons Stell With ungary 4: 8-STell 200 agons Stell With ungary 4: 8-STell 200 ago	.	Store in cool, dry place in tightly closed containers.		
7.2 Conditions for safe storage, including any incompatibilities Store in cool location. Storage Store in cool location. Storage facility: Store in cool location. Yurther information about storage Store in cool location. Store away from oxidizing agents. Keep container lightly sealed. Yurther information about storage Keep container lightly sealed. Store in a dot dotabinet for what access restricted to technical experts or their assistants. No further relevant information available. Store in a dot dotabinet for what access restricted to technical experts or their assistants. No further relevant information available. Store in a dot dotabinet for what access restricted to technical experts or their assistants. No further relevant information available. Store in a dot dotabinet for what access restricted to technical experts or their assistants. No further relevant information available. Store in a dot dotabinet for what access restricted to technical experts or their assistants. No further relevant information available. Store in a dot dotabinet for what access restricted to technical experts or their assistants. No further relevant information available. Store in a dot dotabinet for what access restricted to technical experts. Property operating chemical furne hood designed for hazardous chemicals and having an average face velocity of at least 100 tech per minute.	Information about protection against explosions and fires:	Open and handle container with care. Protect against electrostatic charges. Fumes can combine with air to form an explosive mixture.		
Requifements to be met by storerooms and containers: information about storage in one common performation about storage conditions: Store in cool location. Store away from oxidizing agents. Keep container tightly sealed. Store in cool docation in well sealed containers. Store in a locked cabinet or with access restricted to technical experts or their assistants. No further relevant information available. SECTION 8: Exposure controls/personal protection Additional information available. Properly operating chemical furme hood designed for hazardous chemicals and having an average face velocity of a least 100 feet per minute. 8:1 Control parameters Components with critical values that require monitoring at the workplace: Methyl acetate Methyl acetate Methyl acetate 200, 250-STEL Definent TWA 200 Printerin TWA 200 Printerin TWA 200 Definent TWA 200 </th <th></th>				
storage facility: Store away from oxidizing agents. Further information about storage conditions: Keep container tightly sealed. 7.3 Specific end use(s) No further relevant information available. SECTION 8: Exposure controls/personal protection Additional information about design of technical systems: Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute. 8.1 Control parameters Methyl acetate Components with critical values that require monitoring at the workplace: Methyl acetate Methyl acetate 200, 250-STEL Derimark TWA 200, 250-STEL Derimark TWA 200, 250-STEL Hunger/ TWA 200, 250-STEL Derimark TWA 200, 250-STEL Hunger/ TWA 200, 250-STEL Hunger/ TWA 200, 250-STEL Hunger/ TWA 200, 250-STEL Hunger/ TWA 200, 250-STEL Netherland TWA 200, 250-STEL Netherla	Requirements to be met by storerooms and containers:	Store in cool location.		
conditions: Keep container tightly sealed. Store in a locked cabinet or with access restricted to technical experts or their assistants. No further relevant information available. SECTION 8: Exposure controls/personal protection Additional information about design of technical systems: Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute. 8.1 Control parameters Components with critical values that require monitoring at the workplace: Methyl acetate Demmark TWA 200 250-STEL Bolgium TWA 200 200.STEL Demmark TWA 200 200.STEL USA 200 200.STEL Demmark TWA 200 200.STEL USA FEL Components with critical salues that require monitoring at the workplace: Accelie TLV 100 mg/m3.STEL Transe TWA 200 200.STEL Demmark TWA 200 200.STEL USA FEL Components with critical salue Accelie TLV 100 mg/m3.STEL USA FEL TSTEL Switzeriand TWA 200.400 mg/m3.STEL USA FEL Coli TLV 10.15-STEL Demmark TWA 10 TSTEL Switzeriand TWA 200.400 mg/m3.STEL USA FEL TSTEL Switzeriand TWA 200.400 mg/m3.STEL Demmark TWA 10 TSTEL Switzeriand TWA 200.100 mg/m3.STEL TSTEL Switzeriand TWA 200.100 mg/m3.STEL Demmark TWA 10 TSTEL Switzeriand TWA 10 TSTEL Switzeriand TWA 10 <td< th=""><th>storage facility:</th><td>Store away from oxidizing agents.</td></td<>	storage facility:	Store away from oxidizing agents.		
SECTION 8: Exposure controls/personal protection Additional information about design of technical systems: Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute. 8.1 Control parameters Components with critical values that require monitoring at the workplace: Methyl acetate property 200, 250-STEL Belgium TWA 200, 250-STEL Definiand TWA 200, 250-STEL Germany TWA 200, 250-STEL Germany TWA 200, 250-STEL United Kingdom TWA 200, 250-STEL Belgium TWA 200, 250-STEL United Kingdom TWA 200, 250-STEL United Kingdom TWA 200, 250-STEL United Kingdom TWA 200, 200, 250-STEL Section Aceter Acet	conditions:	Store in cool, dry conditions in well sealed containers. Store in a locked cabinet or with access restricted to technical experts or their assistants.		
Additional information about design of technical systems: Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute. 8.1 Control parameters Components with critical values that require monitoring at the workplace: Methyl acetate Components with critical values that require monitoring at the workplace: Methyl acetate Pom ACCGH TLV 200, 250-STEL Belgium TWA 200, 250-STEL Derimark TWA 200, 250-STEL Derimark TWA 200, 250-STEL France TWA 200, 250-STEL Derimark TWA 200, 250-STEL Germany TWA 200, 250-STEL Derimark TWA 200, 250-STEL Velocited TWA 200, 250-STEL Derimark TWA 200, 250-STEL Velocited TWA 200, 250-STEL Derimark TWA 200, 260-STEL Velocited TWA 200, 200-STEL Derimark TWA 200 Velocited TWA 200, 200-STEL USA Derimark TWA Switzerland TWA 200, 250-STEL USA Derimark TWA USA PEL 200 200-STEL USA United Kingdom TWA 200, 250-STEL USA Derimark TWA USA PEL 200, 100 mg/				
6 at least 100 feet per minute. 8.1 Control parameters Components with critical values that require monitoring at the workplace: Methyl acetate Methyl acetate Methyl acetate Methyl acetate Methyl acetate Derimark TWA 200, 250-STEL Belgium TWA 200, 250-STEL France TWA 200, 250-STEL Germany TWA 200 got STEL France TWA 200, 250-STEL Ungary TWA 200 mg/m3, 500 mg/m3-STEL Verterlands TWA 200, 250-STEL United Kingdom TWA 200, 250-STEL USA PEL 200 Acetic acid Acetic acid	Additional information about design of	-		
Components with critical values that require monitoring at the workplace: Methyl acetate ppm ACGIH TLV 200, 250-STEL Belgium TWA 200, 250-STEL Demmark TWA 200, 250-STEL France TWA 200, 250-STEL Germany TWA 200 g/s0-STEL Values at TWA 200 g/s0-STEL United Kingdow TWA 200, 250-STEL United Kingdow TWA 200, 250-STEL United Kingdow TWA 200, 250-STEL USA PEL USA PEL Commark TWA 100 mg/m3-STEL USA PEL Demmark TWA 10 fis-STEL Australia TWA 10 Belgium 10: 15-STEL Demmark TWA 10 France VLE 10 Germany MAK 10 Belgium 10: 15-STEL Demmark TWA 10 France VLE 10 Germany MAK 10 France VLE 10 France VLE	-			
moniforing at the workplace:	8.1 Control parameters			
ACGIH TLV 200, 250-STEL Beigium TWA 200, 250-STEL Demmark TWA 200 Finland TWA 200, 250-STEL France TWA 200 mg/m3, 500 mg/m3-STEL Ireland TWA 200 mg/m3, 500 mg/m3-STEL Netherlands TWA 200, 250-STEL United Kingdom TWA 200, 100 mg/m3-STEL United Kingdom TWA 200, 250-STEL USA PEL 200 Acetic acid ppm ACGIH TLV 10; 15-STEL Australia TWA 10; 15-STEL Australia TWA 10; 15-STEL Demmark TWA 10 Finland TWA 10 France VLE 10 Germany MAK 10 France VLE 10 Korea TLV 10; 15-STEL Japan OEL 10 Korea TLV 10; 15-STEL Netherlands MAC-TGG 10 Norway TWA 10 Poland TWA 20 Poland TWA 20		Mathul ageteta		
Belgium TWA 200, 250-STEL Demmark TWA 200, 250-STEL Germany TWA 200, 250-STEL Germany TWA 200 mg/m3, 500 mg/m3-STEL Ireland TWA 200, 200-STEL Netherlands TWA 200, 200-STEL Netherlands TWA 200, 200-STEL Switzerland TWA 200, 100 mg/m3-STEL Switzerland TWA 200, 400-STEL USA PEL 200 Acetic acid ppm ACGIH TLV 10; 15-STEL Australia TWA 10; 15-STEL Australia TWA 10; 15-STEL Denmark TWA 10 Finland TWA 10; 15-STEL (skin) France VLE 10 Germany MAK 10 Hungary 4: 8-STEL Japan OEL 10 Korea TLV 10; 15-STEL Netherlands MAC-TGG 10 Norway TWA 10 Finland TWA 10 Poland TWA 10 Sweden NGV 5: 10-KTV		ppm		
France TWA 200, 250-STEL Germany TWA 200 Hungary TWA 200, 250-STEL Ireland TWA 200, 250-STEL Netherlands TWA 200 Poland TWA 100 mg/m3-STEL Switzerland TWA 200, 400-STEL United Kingdom TWA 200, 400-STEL USA PEL 200 Acetic acid ACGIH TLV 10; 15-STEL Australia TWA 10; 15-STEL Australia TWA 10; 15-STEL Derimark TWA 10 Finland TWA 10; 15-STEL Derimark TWA 10 Finland TWA 10; 15-STEL Japan OEL 10 Korea TLU 10; 15-STEL Japan OEL 10 Norway TWA 10 Norway T		Belgium TWA 200, 250-STEL Denmark TWA 200		
Hungary TWA 200 mg/m3, 500 mg/m3-STEL Ireland TWA 200, 250-STEL Netherlands TWA 200, 100 mg/m3 Russia TWA 200, 100 mg/m3-STEL Switzerland TWA 200, 400-STEL United Kingdom TWA 200, 250-STEL USA PEL 200 Acetic acid ppm ACGIH TLV 10; 15-STEL Austria MAK 10; Belgium 10; 15-STEL Denmark TWA 10; 15-STEL Denmark TWA 10; France VLE 10 Germany MAK 10 Germany MAK 10 Hungary 4; 8-STEL Japan OEL 10 Korea TLV 10; 15-STEL Netherlands MAC-TGG 10 Norway TWA 2; 14-STEL Russia 2-STEL (skin) Sweden NGV 5; 10-KTV		Finland TWA 200, 250-STEL France TWA 200, 250-STEL		
Netherlands TWA 200 Poland TWA 100 mg/m3 Russia TWA 200, 100 mg/m3-STEL Switzerland TWA 200, 400-STEL United Kingdom TWA 200, 250-STEL USA PEL 200 Acetic acid ppm ACGIH TLV 10; 15-STEL Australia TWA 10; 15-STEL Austria MAK 10; 15-STEL Dermark TWA 10; 15-STEL Dermark TWA 10 Finland TWA 10; 15-STEL (skin) France VLE 10 Germany MAK 10 Hungary 4; 8-STEL Japan OEL 10 Korea TLV 10; 15-STEL Netherlands MAC-TGG 10 Norway TWA 2; 14-STEL Russia 22-STEL (skin) Sweden NGV 5; 10-KTV		Hungary TWA 200 mg/m3, 500 mg/m3-STEL		
Russia TWA 200, 100 mg/m3-STEL Switzerland TWA 200, 200-STEL United Kingdom TWA 200, 250-STEL USA PEL 200 Acetic acid ppm ACGIH TLV 10; 15-STEL Austraia TWA 10; 15-STEL Austrai MAK 10 Belgium 10; 15-STEL Denmark TWA 10 France VLE 10 Germany MAK 10 Hungary 4; 8-STEL Japan OEL 10 Korea TLV 10; 15-STEL Norway TWA 10 Poland TWA 20; 14-STEL Norway TWA 20 Poland TWA 2; 14-STEL Russia 2-STEL (skin) Sweden NGV 5: 10-KTV		Netherlands TWA 200 Poland TWA 100 mg/m3		
USA PEL 200 Acetic acid ppm ACGIH TLV 10; 15-STEL Australia TWA 10; 15-STEL Austria MAK 10 Belgium 10; 15-STEL Denmark TWA 10 Finland TWA 10; 15-STEL (skin) France VLE 10 Germany MAK 10 Hungary 4; 8-STEL Japan OEL 10 Korea TLV 10; 15-STEL Netherlands MAC-TGG 10 Norway TWA 10 Poland TWA 2; 14-STEL Russia 2-STEL (skin) Sweden NGV 5: 10-KTY		Russia TWA 200, 100 mg/m3-STEL Switzerland TWA 200, 400-STEL		
ppm ACGIH TLV 10; 15-STEL Australia TWA 10; 15-STEL Austria MAK 10 Belgium 10; 15-STEL Denmark TWA 10 Finland TWA 10; 15-STEL (skin) France VLE 10 Germany MAK 10 Hungary 4; 8-STEL Japan OEL 10 Korea TLV 10; 15-STEL Netherlands MAC-TGG 10 Norway TWA 10 Poland TWA 2; 14-STEL Russia 2-STEL (skin) Sweden NGV 5; 10-KTV				
ACGIH TLV 10; 15-STEL Australia TWA 10; 15-STEL Austria MAK 10 Belgium 10; 15-STEL Denmark TWA 10; 15-STEL (skin) France VLE 10 Germany MAK 10 Hungary 4; 8-STEL Japan OEL 10 Korea TLV 10; 15-STEL Netherlands MAC-TGG 10 Norway TWA 10 Poland TWA 2; 14-STEL Russia 2-STEL (skin) Sweden NGV 5; 10-KTV				
France VLE 10 Germany MAK 10 Hungary 4; 8-STEL Japan OEL 10 Korea TLV 10; 15-STEL Netherlands MAC-TGG 10 Norway TWA 10 Poland TWA 2; 14-STEL Russia 2-STEL (skin) Sweden NGV 5; 10-KTV		ACGIH TLV 10; 15-STEL Australia TWA 10; 15-STEL Austria MAK 10 Belgium 10; 15-STEL Denmark TWA 10		
Hungary 4; 8-STEL Japan OEL 10 Korea TLV 10; 15-STEL Netherlands MAC-TGG 10 Norway TWA 10 Poland TWA 2; 14-STEL Russia 2-STEL (skin) Sweden NGV 5: 10-KTV		France VLE 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,		
Netherlands MAC-TGG 10 Norway TWA 10 Poland TWA 2; 14-STEL Russia 2-STEL (skin) Sweden NGV 5: 10-KTV		Hungary 4; 8-STEL Japan OEL 10		
Russia 2-STEL (skin) Sweden NGV 5: 10-KTV		Netherlands MAC-TGG 10		
Sweden NGV 5: 10-KTV		NOTWAY I WA 10 Poland TWA 2; 14-STEL Russia 2-STEL (skin)		
		Sweden NGV 5; 10-KTV (Contd. on page 3)		

Trade name Ethyltriphenylphosphonium acetate, 70% inmethanol

	Switzerland MAK-W 10; 20-KZG-W	(Contd. of page 2
	United Kingdom 10; 15-STEL USA PEL 10	
	Methyl alcohol	
	ppm ppm ACGIH TLV 200; 250-STEL (skin) Austria MAK 200 (skin) Belgium TWA 200; 250-STEL, (skin) Denmark TWA 200 (skin) Finland TWA 200; 250-STEL (skin) France VME 200; 1000-VLE Hungary TWA 50 mg/m3; 100 mg/m3-STEL (skin) Japan OEL 200; (skin) Korea TLV 200; 250-STEL (skin) Netherlands MAC-TGG_200 (skin)	
Additional information:	Norway TWA 100 Poland TWA 100 mg/m3; 300 mg/m3-STEL Russia TWA 200; 5 mg/m3-STEL (skin) Sweden NGV 200; 250-KTV (skin) United Kingdom TWA 200; 250-STEL (skin) OSHA PEL 200 No data	
8.2 Exposure controls Personal protective equipment		
General protective and hygienic measures Breathing equipment:	The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Store protective clothing separately. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment. Use self-contained respiratory protective device in emergency situations.	
Protection of hands: Material of gloves Penetration time of glove material	Check protective gloves prior to each use for their proper condition. The selection of the suitable gloves does not only depend on the material, but also on further ma and varies from manufacturer to manufacturer. Impervious gloves Not determined	rks of quality
Eye protection:	Safety glasses Face protection	
Body protection:	Protective work clothing.	
SECTION 9: Physical and chemical pro	·	
9.1 Information on basic physical and chemi General Information Appearance:		
Form: Colour:	Liquid Amber coloured	
Smell: Odour threshold:	Not determined Not determined.	
pH-value: Change in condition	Not determined.	
Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start:	Not determined Not determined Not determined	
Flash point: Inflammability (solid, gaseous) Ignition temperature: Decomposition temperature: Self-inflammability:	-17 °C Not determined. Not determined Not determined Not determined.	
Critical values for explosion: Lower: Upper: Steam pressure: Density	Not determined Not determined Not determined Not determined	
Relative density Vapour density Evaporation rate	Not determined. Not determined. Not determined.	
Solubility in / Miscibility with Water: Partition coefficient (n-octanol/water):	Not determined Not determined.	
Viscosity: dynamic: kinematic: 9.2 Other information	Not determined. Not determined. No further relevant information available.	
SECTION 10: Stability and reactivity		
10.1 Reactivity 10.2 Chemical stability Thermal decomposition / conditions to be	No information known. Stable under recommended storage conditions.	
avoided: 10.3 Possibility of hazardous reactions 10.5 Incompatible materials: 10.6 Hazardous decomposition products:	No decomposition if used and stored according to specifications. No dangerous reactions known Oxidizing agents Carbon monoxide and carbon dioxide Phosphorus oxides (e.g. P2O5)	
SECTION 11: Toxicological information 11.1 Information on toxicological effects	1	
Acute toxicity: LD/LC50 values that are relevant for	Fatal if inhaled.	
classification:	Methanol (CAS# 67-56-1) ORL-RAT LD50: 5628 MG/KG ORL-MUS LD50: 7300 MG/KG SKN-RBT LD50: 15800 MG/KG ORL-HMN LDLo: 143 MG/KG	Contd. on p age 4
Trade name Ethyltriphenylphosphonium		" אשטיי ביי

Skin irritation or corrosion: Eye irritation or corrosion: Sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: Specific target organ system toxicity - repeated exposure:	(Contd. of page 3) Causes skin irritation. Causes serious eye irritation. No sensitizing effect known. No effects known. No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. No effects known. No effects known.		
Specific target organ system toxicity - single exposure: Aspiration hazard: Additional toxicological information:	May cause respiratory irritation No effects known. To the best of our knowledge t	i. he acute and chronic toxicity of this substance is not fully known.	
SECTION 12: Ecological information			
12.1 Toxicity Aquatic toxicity: 12.2 Persistence and degradability 12.3 Bioaccumulative potential 12.4 Mobility in soil	No further relevant informatior No further relevant informatior No further relevant informatior No further relevant informatior	available. available.	
Additional ecological information: General notes:	Water hazard class 1 (Self-ass	eased to the environment without proper governmental permits. sessment): slightly hazardous for water. : or large quantities of it to reach ground water, water bodies or sewage system. ment.	
12.5 Results of PBT and vPvB assessment PBT: vPvB: 12.6 Other adverse effects	Not applicable. Not applicable. No further relevant information available.		
SECTION 13: Disposal considerations			
13.1 Waste treatment methods Recommendation	Hand over to disposers of haz Must be specially treated under Consult state, local or nationa	ardous waste. r adherence to official regulations. regulations for proper disposal.	
Uncleaned packagings: Recommendation:	Disposal must be made accord		
SECTION 14: Transport information			
UN-Number ADR, IMDG, IATA		UN1993	
14.2 UN proper shipping name ADR IMDG, IATA		1993 FLAMMABLE LIQUID, N.O.S. , special provision 640D (methanol) FLAMMABLE LIQUID, N.O.S. (methanol)	
14.3 Transport hazard class(es)			
ADR Class Label IMDG, IATA		3 (F1) Flammable liquids. 3	
Class Label		3 Flammable liquids. 3	
Packing group ADR, IMDG, IATA		11	
14.5 Environmental hazards:		Not applicable.	
14.6 Special precautions for user Kemler Number:		Warning: Flammable liquids. 33	
14.7 Transport in bulk according to Annex II o Code	f MARPOL73/78 and the IBC	Not applicable.	
Transport/Additional information:			
ADR Excepted quantities (EQ): Limited quantities (LQ) Transport category		E2 1L 2_	
Tunnel restriction code UN "Model Regulation":		D/E UN1993, FLAMMABLE LIQUID, N.O.S., special provision 640D (methanol), 3.	
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SECTION 15: Regulatory information 15.1 Safety, health and environmental regulat Australian Inventory of Chemical Substances Standard for the Uniform Scheduling of Drugs and Poisons	tions/legislation specific for t Substance is listed. Substance is not listed.	he substance or mixture	
National regulations Information about limitation of use: Water hazard class:	Employment restrictions conce For use only by technically qua	erning young persons must be observed. alified individuals. sessment): slightly hazardous for water.	
Other regulations, limitations and prohibitive ELINCS (European List of Notified Chemical Substances)	itive regulations		
Irado namo Ethyltrinhonylnhosnhonium a	cotato 70% inmothano		

Substances of very high concern (SVHC) according to REACH, Article 57 REACH - Pre-registered substances 15.2 Chemical safety assessment:

Substance is not listed. Substance is listed. A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

DE/E