

Page 1/11

Safety Data Sheet acc. to OSHA HCS

Printing date 04/22/2021

Revision date 04/22/2021

1 Identification Product identifier · Trade name: 17-phenyl trinor Prostaglandin F2α isopropyl ester Svnonvm 9a,11a,15S-trihydroxy-17-phenyl-18,19,20-trinor-prosta-5Z,13E-dien-1-oic acid, isopropyl ester; Bimatoprost isopropyl ester; 17-phenyl trinor PGF2a-iPr; 17-phenyl trinor PGF2a isopropyl ester · Article number: 16824, 006111 · Application of the substance / the mixture This product is for research use - Not for human or veterinary diagnostic or therapeutic use. It is the responsibility of the purchaser to determine suitability for other applications. · Details of the supplier of the safety data sheet Manufacturer/Supplier: Cayman Chemical Co. 1180 E. Ellsworth Rd. Ann Arbor, MI 48108 USA · Information department: Product safety department · Emergency telephone number: During normal opening times: +1 (734) 971-3335 US/CANADA: 800-424-9300 Outside US/CANADA: 703-741-5970 2 Hazard(s) identification · Classification of the substance or mixture GHS02 Flame Flam. Lig. 2 H225 Highly flammable liquid and vapor. GHS08 Health hazard H360 May damage fertility or the unborn child. Repr. 1B GHS07 Acute Tox. 4 H332 Harmful if inhaled. Label elements · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). (Contd. on page 2) US

Printing date 04/22/2021

Revision date 04/22/2021

Hazard-determining components of labeling: 17-phenyl trinor Prostaglandin F2α isopropyl ester Hazard statements H225 Highly flammable liquid and vapor. H332 Harmful if inhaled. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only onn-sparking tools. P243 Take precautionary measures against static discharge. P241 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin v water/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P340 IF is no concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P312 Call a poison center/doctor if you feel unwell. P314 Call a poison center/doctor if you feel unwell. P315 Store locked up. P306 by the o of the curventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) WEALTH H Health = *1 PREC B Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) VEALTH S Health = *1 PREC B Fire = 3 Reactivity = 0 Cher hazards Reactivity = 0	Hazard pictogr	ams (Contd. from p
Signal word Danger Hazard-determining components of labeling: 17-phenyl trinor Prostaglandin F2a isopropyl ester Hazard statements H225 Highly flammable liquid and vapor. H332 Harmful if inhaled. H332 Harmful of the unborn child. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P244 Use only outdoors or in a well-ventilated area. P245 Hydrake precautionary measures against static discharge. P241 Use only outdoors or in a well-ventilated area. P242 Use only outdoors or in a well-ventilated area. P243 Take precautionary measures against static discharge. P241 Use only outdoors or in a well-ventilated area. P242 Use only outdoors or in a well-ventilated area. P243 Take off immediately all contaminated clothing. Rines skin v P304+P30 <th>\wedge</th> <th></th>	\wedge	
Signal word Danger Hazard-determining components of labeling: 17-phenyl trinor Prostaglandin F2a isopropyl ester Hazard statements H225 Highly flammable liquid and vapor. H332 Harmful if inhaled. H332 Harmful of the unborn child. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P244 Use only outdoors or in a well-ventilated area. P245 Hydrake precautionary measures against static discharge. P241 Use only outdoors or in a well-ventilated area. P242 Use only outdoors or in a well-ventilated area. P243 Take precautionary measures against static discharge. P241 Use only outdoors or in a well-ventilated area. P242 Use only outdoors or in a well-ventilated area. P243 Take off immediately all contaminated clothing. Rines skin v P304+P30 <th></th> <th></th>		
Signal word Danger Hazard-determining components of labeling: 17-phenyl trinor Prostaglandin F2a isopropyl ester Hazard statements H225 Highly flammable liquid and vapor. H332 Harmful if inhaled. H332 Harmful of the unborn child. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P244 Use only outdoors or in a well-ventilated area. P245 Hydrake precautionary measures against static discharge. P241 Use only outdoors or in a well-ventilated area. P242 Use only outdoors or in a well-ventilated area. P243 Take precautionary measures against static discharge. P241 Use only outdoors or in a well-ventilated area. P242 Use only outdoors or in a well-ventilated area. P243 Take off immediately all contaminated clothing. Rines skin v P304+P30 <th></th> <th></th>		
Hazard-determining components of labeling: 17-phenyl trinor Prostaglandin F2α isopropyl ester Hazard statements H225 Highly flammable liquid and vapor. H320 May damage fertility or the unborn child. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only onon-sparking tools. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only outdoors or in a well-ventilated area. P261 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin vater/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a	GHS02 GHS0	17 GHS08
17-phenyl trinor Proštaglandin F2α isopropyl ester Hazard statements H325 Highly flammable liquid and vapor. H3360 May damage fertility or the unborn child. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P304+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin vater/shower. P304+P3740 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403+P235 Store in a well-ventilated place. Keep cool.	· Signal word Da	nger
Hazard statements H225 Highly flammable liquid and vapor. H322 Harmful if inhaled. H330 Harmful if inhaled. H330 Harmful if inhaled. H320 Harmful if inhaled. H320 Do not hangle until all safety precautions have been read and understood. P201 Do tot hangle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P241 Avoid breathing dust/fum/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin v water/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403 P310 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P314 P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403 P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 0 Firre = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) Health = *1 Fire = 3 Reactivity = 0 Other hazards Reactivity = 0 Other hazards	Hazard-determ	ning components of labeling:
H225 Highly flammable liquid and vapor. H332 Harmful if inhaled. H360 May damage fertility or the unborn child. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from head/sparks/open flames/hot surfaces No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P261 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin v water/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403 P304 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P340 IF NHALED: Remove person to fresh air and keep comfortable for breathing. P304+P35 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 0 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 Chrer hazards Reactivity = 0 Chrer hazards	17-phenyl trinor	Prostaglandin F2α isopropyl ester
H332 Hämiful if inhaled. H360 May damage fertility or the unborn child. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P203 Keep away from heat/sparks/open flames/hot surfaces No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin v water/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a poison center/doctor if you feel unwell. P310 Call a poison center/doctor if you feel unwell. P310 P315 Store in a well-ventilated place. Keep cool. P405 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 0 Fire = 3 Reactivity = 0 Chter hazards Results of PBT and vPvB assessment	Hazard statem	ents
H332 Hämiful if inhaled. H360 May damage fertility or the unborn child. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P203 Keep away from heat/sparks/open flames/hot surfaces No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin v water/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304-P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a poison center/doctor if you feel unwell. P312 Call a poison center/doctor if you feel unwell. P314 Call a poison center/doctor if you feel unwell. P315 Store in a well-ventilated place. Keep cool. P405 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 0 Fire = 3 Reactivity = 0 Chther hazards Results of PBT and vPvB assessment	H225 Highly flar	nmable liquid and vapor.
Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin vater/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P343 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. <td></td> <td></td>		
Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin vater/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P343 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. <td></td> <td></td>		
P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P203 Keep away from heat/sparks/open flames/hot surfaces No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin vater/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P340 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403+P235 Store in a well-ventilated place. Keep cool. P404 Dispose of contents/container in accordance with local/regional/national/internation reg		
P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use eonly non-sparking tools. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin vater/shower. P304+P340 IF Exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P310+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 0		
P210 Keep away from heat/sparks/open flames/hot surfaces No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P241 Use only outdoors or in a well-ventilated area. P261 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin varetr/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) MEALTH <td></td> <td></td>		
P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P241 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin vater/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P4035 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. VEAST Health = 0 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) Fire = 3 REACTIVITY Reactivity = 0 Other hazards Reacti		
P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin v water/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 0 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) Health = *1 Health = 0 Fire = 3 Reactivity = 0 Other hazards Results of PBT and vPvB assessment		
 P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin v water/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 0 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) Health = *1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) Health = *1 Fire = 3 Reactivity = 0 Other hazards Results of PBT and vPvB assessment 		
P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin vater/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Image: Part and weight = 0 Fire = 3 Reactivity = 0 Health = *1 Image: Part and weight = 0 Fire = 3 Reactivity = 0 Grade of the state of the		
P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin water/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) If EALTH Health = 0 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) Fire = 3 REACTIVITY Reactivity = 0 Other hazards Reactivity = 0		
P261 Avoid breathing dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin vater/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) MFPA ratings (scale 0 - 4) Health = 0 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) Health = *1 HRE Reactivity = 0 Other hazards Reactivity = 0 Other hazards Results of PBT and vPvB assessment		
P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin v water/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 0 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH Health = *1 FIRE 3 Reactivity = 0 Other hazards Results of PBT and vPvB assessment		
P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin or water/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 0 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH Health = *1 Fire = 3 Reactivity = 0 Other hazards Results of PBT and vPvB assessment		
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin v water/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 0 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH Health = *1 Fire 3 Reactivity = 0 Other hazards Results of PBT and vPvB assessment		
water/shower. P308+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Image: State in a mean explore the system in		
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Image: Part of the state of the stat	F 303 F 30 F F 3	
P308+P313 IF exposed or concerned: Get medical advice/attention. P312 Call a poison center/doctor if you feel unwell. P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Image: Particular and provide the system of t	P30/+P3/0	
P312Call a poison center/doctor if you feel unwell.P370+P378In case of fire: Use for extinction: CO2, powder or water spray.P403+P235Store in a well-ventilated place. Keep cool.P405Store locked up.P501Dispose of contents/container in accordance with local/regional/national/internationregulations.Classification system:NFPA ratings (scale 0 - 4)Health = 0Fire = 3Reactivity = 0HMIS-ratings (scale 0 - 4)Health = *1Fire = 3Reactivity = 0Health = *1Fire = 3Reactivity = 0Reactivity = 0Other hazardsReactivity = 0Other hazardsResults of PBT and vPvB assessment		
P370+P378In case of fire: Use for extinction: CO2, powder or water spray.P403+P235Store in a well-ventilated place. Keep cool.P405Store locked up.P501Dispose of contents/container in accordance with local/regional/national/internation regulations.Classification system:NFPA ratings (scale 0 - 4)NFPA ratings (scale 0 - 4)Health = 0Fire = 3Reactivity = 0HMIS-ratings (scale 0 - 4)Fire = 3Health = *1Fire = 3Reactivity 0Reactivity = 0Other hazardsReactivity = 0Other hazardsResults of PBT and vPvB assessment		
P403+P235Store in a well-ventilated place. Keep cool.P405Store locked up.P501Dispose of contents/container in accordance with local/regional/national/internatio		
P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 0 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH Health = *1 Fire = 3 REACTIVITY Reactivity = 0 Other hazards Results of PBT and vPvB assessment		
P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 0 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH I Health = *1 Fire = 3 Reactivity = 0 Other hazards Results of PBT and vPvB assessment		
regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 0 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 1 FIRE 3 REACTIVITY 0 Health = *1 Fire = 3 Reactivity = 0 Other hazards Results of PBT and vPvB assessment		
Classification system: NFPA ratings (scale 0 - 4) Health = 0 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 1 Health = *1 Fire = 3 REACTIVITY 0 Conter hazards Results of PBT and vPvB assessment		
NFPA ratings (scale 0 - 4) Health = 0 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 1 Health = *1 Fire = 3 Reactivity = 0 Other hazards Results of PBT and vPvB assessment	Classification	
Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 1 Health = *1 Fire = 3 REACTIVITY 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment		
••••••••••••••••••••••••••••••••••••		
HMIS-ratings (scale 0 - 4) HEALTH 1 Health = *1 FIRE 3 Fire = 3 REACTIVITY 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment		
HEALTH *1 FIRE 3 Fire 3 REACTIVITY 0 Reactivity 0 Other hazards Results of PBT and vPvB assessment	V V Re	activity = 0
HEALTH *1 FIRE 3 Fire 3 REACTIVITY 0 Other hazards Results of PBT and vPvB assessment	HMIS-ratings (scale 0 - 4)
FIRE 3 Fire = 3 REACTIVITY 0 Other hazards Results of PBT and vPvB assessment	- ·	
Reactivity = 0 Other hazards Results of PBT and vPvB assessment		
Other hazards Results of PBT and vPvB assessment		
Results of PBT and vPvB assessment		Bachvity – O
• PBT: Not applicable.		

US -

Printing date 04/22/2021

Revision date 04/22/2021

Trade name: 17-phenyl trinor Prostaglandin F2α isopropyl ester

(Contd. from page 2)

3 Composition/information on ingredients

· Chemical characterization: Mixtures

· Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 64-17-5 RTECS: KQ6300000		90.0%
	17-phenyl trinor Prostaglandin F2α isopropyl ester	10.0%

4 First-aid measures

Description of first aid measures

· General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

- · After skin contact: Immediately rinse with water.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed May cause anemia, cough, CNS depression, drowsiness, headache, heart damage, lassitude (weakness, exhaustion), liver damage, narcosis, reproductive effects, teratogenic effects.
 Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture Can release vapors that form explosive mixtures at temperatures at or above the flashpoint. Container explosion may occur under fire conditions. Emits toxic fumes under fire conditions. Sensitive to static discharge. Vapors can travel to a source of ignition and flash back.
- Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: Dilute with plenty of water.

(Contd. on page 4)

US

Printing date 04/22/2021

Revision date 04/22/2021

Trade name: 17-phenyl trinor Prostaglandin F2α isopropyl ester

	ontd. from page 3)
Do not allow to enter sewers/ surface or ground water. • Methods and material for containment and cleaning up:	
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawc	lust).
Dispose contaminated material as waste according to item 13.	
Ensure adequate ventilation. • Reference to other sections	
See Section 7 for information on safe handling.	
See Section 8 for information on personal protection equipment.	
See Section 13 for disposal information.	
· Protective Action Criteria for Chemicals	
· PAC-1:	
64-17-5 Ethyl alcohol	1,800 ppm
· PAC-2:	
64-17-5 Ethyl alcohol	3300* ppm
· PAC-3:	
64-17-5 Ethyl alcohol	15000* ppm

7 Handling and storage

- · Handling:
- Precautions for safe handling Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Prevent formation of aerosols.
 Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities** Keep away from heat, sparks and flame. Keep container tightly closed. Store in accordance with information listed on the product insert.
- · Storage:
- · Requirements to be met by storerooms and receptacles: Store in a cool location.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

• Additional information about design of technical systems: No further data; see item 7.

- · Control parameters
- Components with limit values that require monitoring at the workplace:

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the remaining constituent has no known exposure limits.

(Contd. on page 5)

US

Printing date 04/22/2021

Revision date 04/22/2021

Trade name: 17-phenyl trinor Prostaglandin F2α isopropyl ester

(Contd. from page 4)

64-17-5 Ethyl alcohol

PEL Long-term value: 1900 mg/m³, 1000 ppm

REL Long-term value: 1900 mg/m³, 1000 ppm

TLV Short-term value: 1880 mg/m³, 1000 ppm

· Additional information: The lists that were valid during the creation were used as basis.

- Exposure controls
- · Personal protective equipment:
- General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately.
- · Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air. • Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Tightly sealed goggles

9 Physical and chemical properties

- · Information on basic physical and chemical properties
- · General Information
- · Appearance:
- Form:

Color:

· Odor:

- · Structural Formula
- · Molecular Weight
- · Odor threshold:

Liquid According to product specification Characteristic C26H38O5 430.6 Not determined.

(Contd. on page 6)

US

Printing date 04/22/2021

Revision date 04/22/2021

Trade name: 17-phenyl trinor Prostaglandin F2α isopropyl ester

	(Contd. from page
Formulation	A solution in ethanol
pH-value:	Not determined.
Change in condition Melting point/Melting range: Boiling point/Boiling range:	Undetermined. 78 °C (172.4 °F)
Flash point:	13 °C (55.4 °F)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	425 °C (797 °F)
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive ai vapor mixtures are possible.
Explosion limits: Lower: Upper:	3.5 Vol % 15 Vol %
Vapor pressure at 20 °C (68 °F):	59 hPa (44.3 mm Hg)
Density: Relative density Vapor density Evaporation rate	Not determined. Not determined. Not determined. Not determined.
Solubility in / Miscibility with Water at 20 °C (68 °F):	1,000 g/l
Partition coefficient (n-octanol/wat	er): Not determined.
Viscosity: Dynamic at 20 °C (68 °F): Kinematic:	1.2 mPas Not determined.
Solvent content: Organic solvents: VOC content:	90.0 % 90.00 % 900.0 g/l / 7.51 lb/gal
Solids content:	0.0 %
Other information	No further relevant information available.

10 Stability and reactivity

· Reactivity No further relevant information available.

- · Chemical stability
- Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

- Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · **Incompatible materials:** No further relevant information available.

(Contd. on page 7)

US

Printing date 04/22/2021

Revision date 04/22/2021

Trade name: 17-phenyl trinor Prostaglandin F2α isopropyl ester

• NTP (National Toxicology Program) None of the ingredients is listed.

(Contd. from page 6)

· Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information Information on toxicological effects · Acute toxicity: · LD/LC50 values that are relevant for classification: ATE (Acute Toxicity Estimate) Oral 5,000 mg/kg LD50 Dermal LD50 11,000 mg/kg Inhalative LC50/4 h 15 mg/l 64-17-5 Ethyl alcohol Oral TDLO 1.14 ml/kg (man) LD50 7,060 mg/kg (rat) TDLO 650 (man) Dermal 40,000 mg/kg (rat) LD50 Inhalative LC50/4 h 5,900 mg/m³ (rat) LC50 20,000 mg/m³/10h (rat) 1,800 mg/m³/30m (hmn) TCLO LCLO 29,300 mg/m³/7h (mouse) TCLO 1,800 (hmn) 10 h - 20,000 mg/m³ (rat) LC50 LD50 Inhalation TCLO 1,800 mg/m³/30m (hmn) LC50/4 h 20,000 mg/l (rat) Irritation of skin Irritation 20 mg/24h (rabbit) TDLO 1,800 mg/kg (wmn) Irritation of eyes Irritation 500 mg/24h (rabbit) Intraperitoneal LD50 280 mg/kg (rat) Data 500 mg/24h (rabbit) · Primary irritant effect: · on the skin: No irritant effect. • on the eye: No irritating effect. · Sensitization: No sensitizing effects known. • Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations: Harmful · Carcinogenic categories · IARC (International Agency for Research on Cancer) 64-17-5 Ethyl alcohol

(Contd. on page 8)

1

Printing date 04/22/2021

Revision date 04/22/2021

Trade name: 17-phenyl trinor Prostaglandin F2α isopropyl ester

(Contd. from page 7)

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- Additional ecological information:
- · General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packagings:
- **Recommendation:** Disposal must be made according to official regulations.
- · Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

· UN-Number · DOT, IMDG, IATA	UN1170
· UN proper shipping name	
DOT	Ethanol solutions
·IMDG	ETHANOL SOLUTION (ETHYL ALCOHO
	SOLUTION)
·IATA	Ethanol solution
· Transport hazard class(es)	
· DOT	
RAMMARE LOUD	
· Class	3 Flammable liquids
	(Contd. on page

Printing date 04/22/2021

Revision date 04/22/2021

Trade name: 17-phenyl trinor Prostaglandin F2 α isopropyl ester

	(Contd. from page 8)
· Label	3
· IMDG, IATA	
· Class	3 Flammable liquids
· Label	3
· Packing group · DOT, IMDG, IATA	II
· Environmental hazards:	Not applicable.
· Special precautions for user	Warning: Flammable liquids
Hazard identification number (Kemler code):	
· EMS Number:	F-E,S-D
· Stowage Category	A
 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	Not applicable.
· Transport/Additional information:	
· DOT · Quantity limitations	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L
 IMDG Limited quantities (LQ) Excepted quantities (EQ) 	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· IATA · Remarks:	When sold in quantities of less than or equal to 1 mL or 1 g, with an Excepted Quantity Code of E1, E2, E4, or E5, this item meets the De Minimis Quantities exemption, per IATA 2.6.10. Therefore packaging does not have to be labeled as Dangerous Goods/Excepted Quantity.
· UN "Model Regulation":	UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II

15 Regulatory information

• Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

• Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

(Contd. on page 10)

US

Printing date 04/22/2021

Revision date 04/22/2021

Trade name: 17-phenyl trinor Prostaglandin F2α isopropyl ester

	(Contd. from page 9)
• TSCA (Toxic Substances Control Act):	
64-17-5 Ethyl alcohol	ACTIVE
· Hazardous Air Pollutants	
None of the ingredients is listed.	
· Proposition 65	
· Chemicals known to cause cancer:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
· Chemicals known to cause developmental toxicity:	
64-17-5 Ethyl alcohol	
· Carcinogenic categories	
· EPA (Environmental Protection Agency)	
None of the ingredients is listed.	
· TLV (Threshold Limit Value)	
64-17-5 Ethyl alcohol	A3
NIOSH-Ca (National Institute for Occupational Safety and Health)	<u> </u>
None of the ingredients is listed.	
Observiced enfots accomments A Observiced Outlets Accomments and the second statements of the se	

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

All chemicals may pose unknown hazards and should be used with caution. This SDS applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. Cayman Chemical Company assumes no responsibility for incidental or consequential damages, including lost profits, arising from the use of these data. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Cayman Chemical Company assumes no responsibility for the completeness or accuracy of the information contained herein.

· Department issuing SDS: Environment protection department.

 Contact: Date of preparation / last revision 04/22/2021 / Abbreviations and acronyms: IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent Bioaccumulative and Toxic

- PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative
- NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health

Printing date 04/22/2021

Revision date 04/22/2021

Trade name: 17-phenyl trinor Prostaglandin F2α isopropyl ester

(Contd. from page 10)

TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit REL: Recommended Exposure Limit Flam. Liq. 2: Flammable liquids – Category 2 Acute Tox. 4: Acute toxicity – Category 4 Repr. 1B: Reproductive toxicity – Category 1B • * Data compared to the previous version altered.