

Printing date 06/07/2023

Revision date 06/07/2023

Page 1/8

1 Identification

- Product identifier
- · Trade name: Cefixime
- · Article number: 17176
- CAS Number: 79350-37-1
- · EC number:
- 616-684-4
- **Application of the substance / the mixture** This product is for research use - Not for human or veterinary diagnostic or therapeutic use.
- 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



GHS08 Health hazard

Sensitization - Respiratory 1

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

GHS07

Skin Irritation 2	H315 Causes skin irritation.
Eye Irritation 2A	H319 Causes serious eye irritation.
Sensitization - Skin 1	H317 May cause an allergic skin reaction.
Specific Target Organ Toxicity - Single Exposure 3	H335 May cause respiratory irritation.
	(Contd. on page 2)

(Contd. on page 2)

US

Printing date 06/07/2023

Revision date 06/07/2023

Trade name: Cefixime

 Label elements The substance is classified and labeled according to the Globally Harmonized System (GHS). Hazard pictograms Weight of the substance is classified and labeled according to the Globally Harmonized System (GHS). Hazard pictograms Signal word Danger Hazard statements Hazard		(Contd. from page 1)			
The substance is classified and labeled according to the Globally Harmonized System (GHS). Hazard pictograms Figure 1 Figure 1 Figur					
Hazard pictograms View View View View View					
 Signal word Danger Hazard statements H315 Causes skin irritation. H334 May cause selengy or asthma symptoms or breathing difficulties if inhaled. H317 May causes are just or sation. H334 May cause an allergic skin reaction. H334 May cause an allergic skin reaction. H334 May cause an allergic skin reaction. H335 May cause are privatory irritation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapors/spray P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves / eye protection / face protection. P302+P352 If on skin: Wash with plenty of water. P304+P350 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P322+P333 If skin irritation or rash occurs: Get medical advice/attention. P333+P313 If skin irritation persists: Get medical advice/attention. P334+P31 If eye irritation persists: Get medical advice/attention. P334+P33 If skin irritation persists: Get medical advice/attention. P342+P313 If skin irritation persists: Get medical advice/attention. P342+P313 If skin irritation persists: Get medical advice/attention. P342+P313 If skin irritation persists: Get medical advice/attention. P342+P333 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internati					
 Signal word Darger Hazard statements H315 Causes skin irritation. H315 Causes skin irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause an allergic skin reaction. H334 May cause an allergic skin reaction. H335 May cause are privatory irritation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapors/spray P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves / eye protection / face protection. P302+P352 If on skin: Wash with plenty of water. P304+P301 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P301 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P331 If neyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P334+P31 If eye irritation persists: Get medical advice/attention. P342+P311 If eye irritation persists: Get medical advice/attention. P342+P323 Store in a well-ventilated place. Keep container tightly closed. P403 EVA attas (scale 0-4). P403+P233 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Pixet is a glose of contents/container in accordance with local/regional/national/international regulations. Pixet is a glose of contents/container in accordance with local/regional/national/international					
 Signal word Danger Hazard statements H315 Causes skin irritation. H334 May cause selengy or asthma symptoms or breathing difficulties if inhaled. H317 May causes are just or sation. H334 May cause an allergic skin reaction. H334 May cause an allergic skin reaction. H334 May cause an allergic skin reaction. H335 May cause are privatory irritation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapors/spray P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves / eye protection / face protection. P302+P352 If on skin: Wash with plenty of water. P304+P350 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P322+P333 If skin irritation or rash occurs: Get medical advice/attention. P333+P313 If skin irritation persists: Get medical advice/attention. P334+P31 If eye irritation persists: Get medical advice/attention. P334+P33 If skin irritation persists: Get medical advice/attention. P342+P313 If skin irritation persists: Get medical advice/attention. P342+P313 If skin irritation persists: Get medical advice/attention. P342+P313 If skin irritation persists: Get medical advice/attention. P342+P333 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internati					
 Signal word Darger Hazard statements H315 Causes skin irritation. H315 Causes skin irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause an allergic skin reaction. H334 May cause an allergic skin reaction. H335 May cause are privatory irritation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapors/spray P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves / eye protection / face protection. P302+P352 If on skin: Wash with plenty of water. P304+P301 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P301 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P331 If neyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P334+P31 If eye irritation persists: Get medical advice/attention. P342+P311 If eye irritation persists: Get medical advice/attention. P342+P323 Store in a well-ventilated place. Keep container tightly closed. P403 EVA attas (scale 0-4). P403+P233 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Pixet is a glose of contents/container in accordance with local/regional/national/international regulations. Pixet is a glose of contents/container in accordance with local/regional/national/international	•				
Hard statements H315 Causes skin irritation. H315 Causes serious eye irritation. H317 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause allergic skin reaction. H335 May cause respiratory irritation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapors/spray P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves / eye protection / face protection. P304-P352 If on skin: Wash with plenty of water. P304-P351 If a eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P324-P334 If exeintriation or rash occurs: Get medical advice/attention. P337-P313 If exeintriation persists: Get medical advice/attention. P334+P313 If experiencing respiratory symptoms: Call a poison center/doctor. P338 P344+P311 If experiencing respiratory symptoms: Call a poison center/doctor. P363 P374 P405 Store locked up. P501 Dispose of contents/container in	GHS07 GHS	608			
Hard statements H315 Causes skin irritation. H315 Causes serious eye irritation. H337 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause allergic skin reaction. H335 May cause respiratory irritation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapors/spray P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P284 [In case of inadequate ventilation] wear respiratory protection. P304-P352 If on skin: Wash with plenty of water. P304-P351 If experion to fresh air and keep comfortable for breathing. P304-P3540 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304-P3540 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P302+P354 Take off contaminated clothing and wash it before reuse. P333+P313 If experiencing respiratory symptoms: Call a poison center/doctor. P333+P313 If experiencing respiratory symptoms: Call a poison center/doctor. P333+P233 Store locked up. P405 Store locked up. </td <td>0</td> <td></td>	0				
H315 Causes skin irritation. H319 Causes exervices services allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause an allergic skin reaction. H335 May cause respiratory irritation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapors/spray P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves / eye protection / face protection. P384 [In case of inadequate ventilation] wear respiratory protection. P302+P352 If on skin: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P362+P353 If skin irritation presists: Get medical advice/attention. P337+P313 If experiencing respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P403+P233 Store in a well-ventilated place. Keep container ti	-	•			
H319 Causes serious eye irritation, H334 May cause an allergic skin reaction. H335 May cause an allergic skin reaction. H335 May cause respiratory irritation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapors/spray P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P284 [In case of inadequate ventilation] wear respiratory protection. P302+P352 If on skin: Wash with plenty of water. P304+P351+P338 IF in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If seyeriration persists: Get medical advice/attention. P342+P314 If eyeriration persists: Get medical advice/attention. P342+P313 If seyeriration persists: Get medical advice/attention. P333+P313 If seyerinaction grespiratory symptoms: Call a poison center/doctor. P360 Store locked up. <					
H334 May cause ellergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause energinatory irritation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapors/spray P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves / eye protection / face protection. P284 [In case of inadequate ventilation] wear respiratory protection. P302+P352 if on skin: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a poison center/doctor if you feel unwell. P324 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P334+P313 If eye irritation persists: Get medical advice/attention. P342+P313 If eye irritation persists: Get medical advice/attention. P342+P313 If eye irritation presists: Get medical advice/attention. P342+P313 If experiencing respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 HullS-ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 HullS-ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 Cuter hazards Reactivity = 0					
H317 May cause an allergic skin reaction. H335 May cause respiratory irritation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapors/spray P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves / eye protection / face protection. P284 [In case of inadequate ventilation] wear respiratory protection. P304+P320 If on skin: Wash with plenty of water. P304+P320 If ININALED: Remove person to fresh air and keep comfortable for breathing. P304+P320 If ININALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P322+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P332+P313 If experiming respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 HullS-ratings (scale 0 - 4) Health = 12 Fire = 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.					
H335 May cause respiratory irritation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapors/spray P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves / eye protection / face protection. P284 [In case of inadequate ventilation] wear respiratory protection. P302+P352 If on skin: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 If in eyes: Rines cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 HullS-ratings (scale 0 - 4) Health = *2 Fire = 0 Reactivity = 0 HullS-ratings (scale 0 - 4) Health = *2 Fire = 0 Reactivity = 0 HullS-ratings (scale 0 - 4) Health = *2 Fire = 0 Reactivity = 0 HullS-ratings (scale 0 - 4) Health = *2 Fire = 0 Reactivity = 0 HullS-ratings (scale 0 - 4) Health = *2 Fire = 0 Reactivity = 0 HullS-ratings (scale 0 - 4) Health = *2 Fire = 0 Reactivity = 0 HullS-ratings (scale 0 - 4) Health = *2 Fire = 0 Reactivity = 0 HullS-ratings (scale 0 - 4) Health = *2 Fire = 0 Reactivity = 0 HullS-ratings (scale 0 - 4) HullS-ratings (scale 0 - 4) Health = *2 Fire = 0 Reactivity = 0 HullS-ratings (scale 0 - 4) Health					
P261 Avoid breathing dust/fume/gas/mist/vapors/spray P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves / eye protection / face protection. P284 [In case of inadequate ventilation] wear respiratory protection. P302+P352 If on skin: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 If is eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P362+P313 If skin irritation or rash occurs: Get medical advice/attention. P37+P313 If eye irritation persists: Get medical advice/attention. P37+P313 If eye inritation parsits: Get medical advice/attention. P37+P313 If eye inritation parsits: Get medical advice/attention. P37+P313 If eye inritation parsits: Get medical advice/attention. P37+P313 If skin inritation or rash occurs: Get medical advice/attention. P403+P233 Store in a well					
 P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves / eye protection / face protection. P281 [In case of inadequate ventilation] wear respiratory protection. P302+P352 If on skin: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351 Horsen: Wash with plenty of water. P312 Call a poison center/doctor if you feel unwell. P312 Call a poison center/doctor if you feel unwell. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Mealth = 2 Fire = 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) Mealth = *2 Fire = 0 Reactivity = 0 Chter hazards Results of PBT and vPvB assessment PBT: Not applicable. 	Precautionary				
 P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves / eye protection / face protection. P304+P340 [In case of inadequate ventilation] wear respiratory protection. P302+P352 If on skin: Wash with plenty of water. P304+P340 [In NHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If eye irritation presists: Get medical advice/attention. P337+P313 If eye irritation presists: Get medical advice/attention. P337+P333 Store in a well-ventilated place. Keep container tightly closed. P403 + P233 Store in coked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) MEIST = 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) MEXATINE 2 Fire = 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT and vPvB assessment 					
P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves / eye protection / face protection. P284 [In case of inadequate ventilation] wear respiratory protection. P302+P352 If on skin: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P32+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P342+P311 If eye irritation persists: Get medical advice/attention. P342+P313 If experiencing respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P404 P200 P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) VE0 Reacti					
P280 Wear protective gloves / eye protection / face protection. P284 [In case of inadequate ventilation] wear respiratory protection. P302+P352 If on skin: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P322 Call a poison center/doctor if you feel unwell. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) If eige 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) Reactivity = 0 <td< td=""><td></td><td></td></td<>					
P284 [In case of inadequate ventilation] wear respiratory protection. P302+P352 If on skin: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. • Classification system: • NFPA ratings (scale 0 - 4) • MILS-ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 • MILS-ratings (scale 0 - 4) Fire = 0 Reactivity = 0 Reactivity = 0 • Other hazards Rea					
P302+P352 If on skin: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P321 Specific treatment (see on this label). P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P342+P341 If experiencing respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) If end th = 2 Fire = 0 Reactivity = 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) Fire = 0 Reactivity = 0 Reactivity = 0 Other hazards Rescults of PBT and VPVB assessment PBT: Not applicable. PVB assessment					
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 Health = *2 Fire = 0 Reactivity = 0 Other hazards Rescults of PBT and vPvB assessment PBT: Not applicable. 					
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) Health = *2 Fire = 0 Reactivity = 0 Chter hazards Results of PBT and vPvB assessment PBT: Not applicable.					
<pre>present and easy to do. Continue rinsing. P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.</pre>					
P312 Call a poison center/doctor if you feel unwell. P321 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If experiencing respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. * Classification system: NFPA ratings (scale 0 - 4)	10001100111				
P321 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If experiencing respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. • Classification system: • NFPA ratings (scale 0 - 4) Pire = 0 Reactivity = 0 • HMIS-ratings (scale 0 - 4) ■ Fire = 0 Reactivity = 0 • Other hazards Results of PBT and vPvB assessment • PBT: Not applicable. 	P312				
P362+P364Take off contaminated clothing and wash it before reuse.P333+P313If skin irritation or rash occurs: Get medical advice/attention.P337+P313If eye irritation persists: Get medical advice/attention.P342+P311If experiencing respiratory symptoms: Call a poison center/doctor.P363Wash contaminated clothing before reuse.P403+P233Store in a well-ventilated place. Keep container tightly closed.P405Store locked up.P501Dispose of contents/container in accordance with local/regional/national/international regulations.Classification system:NFPA ratings (scale 0 - 4)VEALTHPire = 0 Reactivity = 0HMIS-ratings (scale 0 - 4)Health = *2 Fire = 0 Reactivity = 0Health = the atter is a system:Reactivity = 0Other hazards Results of PBT and vPvB assessment PBT: Not applicable.	P321				
 P337+P313 If eye irritation persists: Get medical advice/attention. P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) Health = *2 Fire = 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 	P362+P364	Take off contaminated clothing and wash it before reuse.			
 P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor. P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) Health = *2 Fire = 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 	P333+P313				
 P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH P Health = *2 Fire = 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 					
 P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 2 Health = *2 Fire = 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 					
 P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 2 FIRE 0 Reactivity = 0 Health = *2 Fire = 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 					
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH * Health = *2 Fire = 0 Reactivity = 0 Health = *2 Fire = 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 					
regulations. • Classification system: • NFPA ratings (scale 0 - 4) $ \begin{array}{r} $					
 Classification system: NFPA ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 2 FIRE 0 REACTIVITY 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 	FJUI				
 NFPA ratings (scale 0 - 4) Health = 2 Fire = 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 2 FIRE 0 REACTIVITY 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 	Classification	0			
 Fire = 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 2 FIRE 0 REACTIVITY Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 					
 Fire = 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 2 FIRE 0 REACTIVITY Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 	н	ealth = 2			
 HMIS-ratings (scale 0 - 4) HEALTH 2 Health = *2 FIRE 0 Fire = 0 REACTIVITY 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 					
HEALTH Price FIRE Price Fire Price Reactivity Price Results of PBT and vPvB assessment PBT: Not applicable.	2 ▼ 0	eactivity = 0			
HEALTH Price FIRE Price Fire Price Reactivity Price Results of PBT and vPvB assessment PBT: Not applicable.	. UMIS rotingo				
FIRE FIRE FIRE FIRE = 0 REACTIVITY REACTIVITY REACTI	_	(Scale 0 - 4)			
REACTIVITY Reactivity = 0 · Other hazards · Results of PBT and vPvB assessment · PBT: Not applicable.	HEALTH *2	Health = *2			
• Other hazards • Results of PBT and vPvB assessment • PBT: Not applicable.					
 Results of PBT and vPvB assessment PBT: Not applicable. 		Reactivity = 0			
 Results of PBT and vPvB assessment PBT: Not applicable. 	· Other hazards				
· PBT: Not applicable.					

US

Printing date 06/07/2023

Revision date 06/07/2023

Trade name: Cefixime

· vPvB: Not applicable.

(Contd. from page 2)

3 Composition/information on ingredients

- · Chemical characterization: Substances
- CAS No. Description
- 79350-37-1 Cefixime
- · Identification number(s)
- EC number: 616-684-4

4 First-aid measures

- · Description of first aid measures
- After inhalation: Supply fresh air and to be sure call for a doctor.
- Supply Iresh air and to be sure call for a doctor.
- In case of unconsciousness place patient stably in side position for transportation. • **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- · After eye contact:
- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- · After swallowing: If symptoms persist consult doctor.
- · Information for doctor:
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents: Use fire fighting measures that suit the environment. A solid water stream may be inefficient.
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- Protective equipment: No special measures required.

6 Accidental release measures

- · Personal precautions, protective equipment and emergency procedures Not required.
- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:
- Dispose contaminated material as waste according to section 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:** Substance is not listed.
- **PAC-2:** Substance is not listed.

(Contd. on page 4)

US

Printing date 06/07/2023

Revision date 06/07/2023

(Contd. from page 3)

Trade name: Cefixime

· PAC-3: Substance is not listed.

7 Handling and storage

- · Handling:
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- · Information about protection against explosions and fires: No special measures required.
- Conditions for safe storage, including any incompatibilities Keep container tightly closed.

Store in accordance with information listed on the product insert.

- Storage: Store in accordance with information listed on the product insert.
- · Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep receptacle tightly sealed.
- 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 section 7.
- · Control parameters
- · Components with limit values that require monitoring at the workplace: Not required.
- · 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.
 Avoid contact with the eyes and skin.
- · 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.

· 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.

(Contd. on page 5)

US

Printing date 06/07/2023

Revision date 06/07/2023

(Contd. from page 4)

Trade name: Cefixime

· Eye protection:



*

Tightly sealed goggles

9 Physical and chemical proper	ties
· Information on basic physical and c	hemical properties
· General Information	
· Appearance:	
Form:	Solid
Color:	Not determined.
· Odor: · Structural Formula	Characteristic C16H15N5O7S2
· Molecular Weight	453.4 g/mol
· Odor threshold:	Not determined.
· pH-value:	Not applicable.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
· Flash point:	Not applicable.
· Flammability (solid, gaseous):	Product is not flammable.
 Decomposition temperature: 	Not determined.
· Ignition temperature:	Not determined.
 Danger of explosion: 	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapor pressure:	Not applicable.
[·] Density:	Not determined.
Relative density	Not determined.
Vapor density	Not applicable.
· Evaporation rate	Not applicable.
• Solubility in / Miscibility with	
Water:	Not determined.
· Partition coefficient (n-octanol/wate	r): Not determined.
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
SOLUBILITY	DMF: 30 mg/ml; DMSO: 30 mg/ml; Ethanol: 5 mg/ml; PBS (pH 7.2): 0.2 mg/ml
	(Contd. on page 6)

Printing date 06/07/2023

Revision date 06/07/2023

Trade name: Cefixime

(Contd. from page 5)

· 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: strong oxidizing agents
- · Hazardous decomposition products: carbon oxides, nitrogen oxides, sulfur oxides

11 Toxicological information

- · RTECS Number XI0367200
- · Information on toxicological effects
- Acute toxicity:

· LD/LC50 values that are relevant for classification:

Oral	LD50	>10 g/kg (mouse)
		>10 g/kg (rat)
	Subcutaneous LD50	>10 g/kg (mouse)
		>10 g/kg (rat)

· Primary irritant effect:

- on the skin: Irritant to skin and mucous membranes.
- on the eye: Irritating effect.
- · Sensitization:

Sensitization possible through inhalation.

Sensitization possible through skin contact.

· Additional toxicological information:

· Carcinogenic categories

· IARC (International Agency for Research on Cancer) Substance is not listed.

· NTP (National Toxicology Program) Substance is not listed.

· OSHA-Ca (Occupational Safety & Health Administration) Substance is not 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.

(Contd. on page 7)

US

Printing date 06/07/2023

Revision date 06/07/2023

(Contd. from page 6)

Trade name: Cefixime

· 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.

Transport information		
	we have used the state	
· DOT, IMDG, IATA	not regulated	
· UN proper shipping name		
· DOT, IMDG, IATA	not regulated	
· Transport hazard class(es)		
· DOT, ADN, IMDG, IATA		
Class	not regulated	
· Packing group		
· DOT, IMDG, IATA	not regulated	
· Environmental hazards:	Not applicable.	
· Special precautions for user	Not applicable.	
· Transport in bulk according to Annex	x II of	
MARPOL73/78 and the IBC Code	Not applicable.	
· UN "Model Regulation":	not regulated	

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): Substance is not listed.
- Section 313 (Specific toxic chemical listings): Substance is not listed.
- TSCA (Toxic Substances Control Act): Substance is not listed.
- · Hazardous Air Pollutants Substance is not listed.
- · Proposition 65
- · Chemicals known to cause cancer: Substance is not listed.
- · Chemicals known to cause reproductive toxicity for females: Substance is not listed.
- · Chemicals known to cause reproductive toxicity for males: Substance is not listed.
- · Chemicals known to cause developmental toxicity: Substance is not listed.

(Contd. on page 8)

– ÚS

Printing date 06/07/2023

Revision date 06/07/2023

Trade name: Cefixime

(Contd. from page 7)

- · Carcinogenic categories
- · EPA (Environmental Protection Agency) Substance is not listed.
- TLV (Threshold Limit Value) Substance is not listed.
- · NIOSH-Ca (National Institute for Occupational Safety and Health) Substance is not listed.
- · 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 06/07/2023

 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 CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety **OSHA: Occupational Safety & Health** TLV: Threshold Limit Value PEL: Permissible Exposure Limit **REL: Recommended Exposure Limit** Skin Irritation 2: Skin corrosion/irritation - Category 2 Eye Irritation 2A: Serious eye damage/eye irritation - Category 2A Sensitization - Respiratory 1: Respiratory sensitisation - Category 1 Sensitization - Skin 1: Skin sensitisation - Category 1 Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) - Category 3 * Data compared to the previous version altered.