

| <pre>1 Identification Product identifies Product i</pre> | |
|--|--|
| Product name: 6-Hydroxy-1,2,3,4-tetrahydrolisoquinoline Stock number: FM6012 CAR Number: | |
| Stock number: FIG5172 CLSS Number: Referent dentified uses of the substance or mixture and uses advised against. Hentified uses of the substance or mixture and uses advised against. Hentified uses SL2.5 Scenable development The substance of the substance or mixture and uses advised against. Hentified uses SL2.5 Scenable development The substance of the substance or mixture and uses advised against. Hentified uses SL2.5 Scenable development The substance of the substance or mixture and uses advised against. Hentified uses SL2.5 Scenable development Hormation Department: Health. Substance or mixture in accordance with 20 CFR 1910 (OSHA HCS) OF 155 2 H28 LM2 Classes skin irritation. Event 32 Advised skin irritation. Event 32 Advi | |
| CASE Manufact Check Manufact Problema Manufact | |
| Relevant identified uses of the substance or mixture and uses advised against. Manifest interventsupport Manifest interventsupport With the substance or mixture in a subs | CAS Number: |
| Details of the supplies of the safety data sheet Manufacture of the supplies of the safety data sheet Manufacture of the solution of the supplies of the supplication | 14446-24-3 Relevant identified uses of the substance or mixture and uses advised against. |
| Marticle uner Supplie: The more Supplie: | |
| Affects and the set of | Details of the supplier of the safety data sheet Manufacturer/Supplier: |
| Bit And Street Fire Book 30000 Fire Book 300000 Fire Book 30000 Fire Book 300000 Fire Book 30000 Fire Book 300000 Fire Book 30000 Fire Book 300000 Fire Book 3000000000 Fire Book 30000000 Fire Book 300000000000 Fire B | Alfa Aesar |
| Image: Proceeding Construction Proceeding Construction Image: Proceeding Construction | 30 Bond Street |
| File: 800-52-4757 Image: 800-52-4757 I | Tel: 800-343-0660 |
| investigation Selection Break of Department: Health, Select and Environmental Department Break of Department: Health, Selection 2 Hazard(s) Identification Chastification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Image: Selection of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Image: Selection of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Image: Selection of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Image: Selection of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Image: Selection of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Image: Selection of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Image: Selection of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Image: Selection of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Image: Selection of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Image: Selection of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Image: Selection of the substance or mixture in accordance with selection face protection. Protein of the substance or mixture in accordance with local/regional/maternal/international regulations. Image: Selection system -free of the selection face protection. Prote of the sub | Fax: 800-322-4757 Fmail: tech@alfa.com |
| During normal business hours (Mondey-Friday, Bam-Tern EST), call (800) 943-060. After normal business hours, call Carechem 24 at (880) 928-0789. 2 Hazard(s) identification Chessification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Official of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Stin ritt. 2 H315 Gausse skin initiation. First 24 H315 Gausse skin initiation. By the transmitter of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Abage letements GHS0 Signal word Warning Heard Statements GHS07 Signal word Warning du | www.alfa.com |
| 2 Hazard(s) identification Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) | Emergency telephone number: |
| Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) GHSOT Shin Int. 2 H315 Causes skin initiation. Eye Int. 2A H319 Causes serious eye imitation. Stor ISE A H319 Causes serious eye imitation. Hazards not otherwise classified in uniformation known. Label elements GHSOT Stor ISE A H319 Causes serious eye imitation. Hazards not otherwise classified in uniformation known. Label elements GHSOT Stand Hazards not otherwise classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms GHSOT Stand Vord Warning H415 Causes serious eye imitation. H415 Causes serious eye imitation. H416 Causes serious eye imitation. H417 Causes serious eye imitation. H418 Causes eye imitation. H419 Causes eye imitation. H410 Causes eye imitation eye imitation eye imitation eye in eye imitation. H410 Causes eye imitation eye imitation. H410 Causes eye imitation eye imitatio | During normal business hours (Monday-Friday, 8am-7pm EST), call (800) 343-0660. After normal business hours, call Carechem 24 at (866) 928-0789. |
| Windowski Provide a start of the star | 2 Hazard(s) identification |
| Swin Infl. 2 H315 Causes skin Intelation. Eye Infl. 2A H319 Causes serious experimation. STOT SE3 H325 May cause respiratory initiation. Label elements Stand and otherwise classified for information known. Label elements Stand pictograms Weights Grisor Signal word Warning Hazard statements Hazard statemen | Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) |
| Eye Int: 24. H319 Causes services even initiation. STOT SES 14335 May cause respiratory initiation. Label elements GHS label elements Tors SES GHS GHS GHS GHS GHS GHS GHS GHS07 Signal word Warning Hazard pictorements H315 Causes skin initiation. H315 Causes skin initiation. H235 May cause respiratory initiation. H236 May cause respiratory initiation. H237 May May May May May and the observal minutes. Remove context lenses, if present and easy to do. Continue rinsing. H236 May cause respiratory initiation. H237 May | GHS07 |
| Eye Int: 24. H319 Causes services even initiation. STOT SES 14335 May cause respiratory initiation. Label elements GHS label elements Tors SES GHS GHS GHS GHS GHS GHS GHS GHS07 Signal word Warning Hazard pictorements H315 Causes skin initiation. H315 Causes skin initiation. H235 May cause respiratory initiation. H236 May cause respiratory initiation. H236 May cause respiratory initiation. H237 May Cause skin initiation. H236 May cause respiratory initiation. H237 May Cause skin initiation. H236 May cause respiratory initiation. H315 Ca | Skin Irrit 2 H315 Causes skin irritation |
| STOT SE 3 H335 May cause respiratory initiation. Label elements GHS label elements Haard streaments Hear protective glowes/protective cloim/geve protection Pool Haard Diverse skin Intration. Proteutionary statements Hear protective glowes/protective cloim/geve protection Pool Haard Diverse skin Intration. Proteutionary statements Pool Haard Diverse skin Intration. Proteutionary statements Pool Haard Diverse skin Intration. Proteutionary statements Pool Streaments | |
| Label elements GHS label elements GHS label elements Harard pictograms We GHS07 Signal word Warning Macard statements H315 Causes Skin Initiation H335 May cause respiratory initiano. H752 May cause respiratory initiano. H753 May cause respiratory initiano in accordance with local/regional/international regulations. We cause respiratory initiano. H753 May cause respiratory initiano. H753 May cause respiratory initiano. H753 May cause respiratory initiano. H754 May cause refects) = 1 H755 May lizzard = 1 H755 May lizzard = 1 H755 May lizzard = 1 H755 May PA assessment Respirator information on ingredients CASS pleaseription: H4452-43 SHydroyr-12,3.4-tetrahydroisaguinoline 4 Krist-Aid measures And in inhalator May information on ingredients May information on first aid measures And in inhalator May information and information information. May information on ingredients information information information information information information. May information may for provide artificial respiration. Keep patient warm. May information may for provide artificial respiration. Keep patient warm. May information matche artificial respiration. Keep patient warm. May info | |
| GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) File GHSOT Signal word Warning Hazard produces H33 May classes serious eye irritation. H310 Causes serious eye irritation. H33 May classes serious eye irritation. H33 May classes serious eye irritation. Productionary statements Wear proteine gloves/protective clothing/eye protection clothing/eye protection. P203 H233 H233 IF IN EVES: Rhise cautiously with water for several minutes. Remove contract lenses. if present and easy to do. Continue rinsing. P304 H231 H23 IF IN EVES: Rhise cautiously with water for several minutes. Remove contract lenses. if present and easy to do. Continue rinsing. P304 H231 H23 IF IN EVES: Rhise cautiously with water for several minutes. Remove contract lenses. if present and easy to do. Continue rinsing. P304 H231 H23 IF IN EVES: Rhise cautiously with water for several minutes. Remove contractule for breathing. P304 H231 H23 IF IN EVES: Rhise cautiously with water for several minutes. Remove contractule for breathing. P304 H231 H23 IF IN EVES: Rhise cautiously with water for several minutes. Remove contractule for breathing. P304 H231 H23 H22 H2 Prove word material causing other toxic effects WHMS classification Dispose of continents/container in accordance with local/regional/national/national/national | |
| First Grisor Signal word Warning Hazer distancements H315 Causes skin irritation. H315 Causes skin irritation. H315 Causes skin irritation. H315 Causes skin irritation. H315 May cause respiratory irritation. H315 May cause of continuer in accordance with local/regional/inational/international regulations. H4115 ratings (scale 0-4) H4115 rating (scale 0-4) H4115 rating (scale 0-4) H4115 rat | GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) |
| Signal word Warning Hazard statements Hazard statements Hazard statements Hazard statements Hazard statements P261 Avoid breathing dust/une/gas/mist/vapours/spray. P261 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification system HMIS classification System HMIS ratings (scale 0-4) Health (accut effects) = 1 Hazard of PET and VPVB assessment Farmability = 1 Physical Hazard on Ingredients Farmability = 1 Hazard of PET and VPVB assessment Farmability = 1 Harard statements Farmability = 1 Hazard of PET and VPVB assessment Farmability = 1 Hazard of PET and VPVB assessment Farmability = 1 Hazard of PET | Hazard pictograms |
| Signal word Warning Hazard statements Hazard statements Hazard statements Hazard statements Hazard statements P261 Avoid breathing dust/une/gas/mist/vapours/spray. P261 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification system HMIS classification System HMIS ratings (scale 0-4) Health (accut effects) = 1 Hazard of PET and VPVB assessment Farmability = 1 Physical Hazard on Ingredients Farmability = 1 Hazard of PET and VPVB assessment Farmability = 1 Harard statements Farmability = 1 Hazard of PET and VPVB assessment Farmability = 1 Hazard of PET and VPVB assessment Farmability = 1 Hazard of PET | $\langle ! \rangle$ |
| Signal word Warning Hazard statements Hazard statements Hazard statements Hazard statements Hazard statements P261 Avoid breathing dust/une/gas/mist/vapours/spray. P261 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification system HMIS classification System HMIS ratings (scale 0-4) Health (accut effects) = 1 Hazard of PET and VPVB assessment Farmability = 1 Physical Hazard on Ingredients Farmability = 1 Hazard of PET and VPVB assessment Farmability = 1 Harard statements Farmability = 1 Hazard of PET and VPVB assessment Farmability = 1 Hazard of PET and VPVB assessment Farmability = 1 Hazard of PET | GHS07 |
| Hazard statements* H315 Causes skin irritation. H316 Cause skin irritation. H316 Cause skin irritation. H316 Cause | |
| H195 Causes serious eye initiation. H355 May cause respiratory initiation. Precautionary statements Precautionary statements Prove inclusion of the state and keep at rest in a position comfortable for breathing. Prove inclusion of the state and keep at rest in a position comfortable for breathing. Prove inclusion of the state and keep at rest in a position comfortable for breathing. Prove inclusion of the state and keep at rest in a position comfortable for breathing. Prove inclusion of the state and keep at rest in a position comfortable for breathing. Prove inclusion of the state and keep at rest in a position comfortable for breathing. Prove inclusion of the state of the state and keep at rest in a position comfortable for breathing. Prove inclusion of the state of the stat | Hazard statements |
| H335 May cause respiratory initiation. Proceeditionary statements P261 Avoid breathing dust/furne/gas/mist/vapours/spray. P280 Avoid breathing dust/furne/gas/mist/vapours/spray. P280 P351+P330 if an United State Cauboxy with water for several minutes. Remove cancel lenses, if present and easy to do. Continue rinsing. P304+P340 Store locked up. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Duspose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification System D28 - Toxic material causing other toxic effects Image: Cause for the second up. P405 Stree of Contents/container in accordance with local/regional/national/international regulations. WHMIS classification System HMIS classification system Health (acuse of focs) = 1 Health (acuse of focs) = 1 Phonyability = 1 Physical Hazards Second Results of PB1 and vPVB assessment Pyresenter VP3: Not applicable. Somposition/information on ingredients Chemical characterization: Substances CASH Description: | |
| P261 Avoid breathing dust/tume/gas/mist/spours/spray. P260 Wear protective gloves/protective clothing/eye protection. P360+P351+P330 IF IN EYES. Rinse cauluously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P360+P351+P330 IF IN EYES. Rinse cauluously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P360+P351+P330 IF IN EYES. Rinse cauluously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P360+P351+P330 IF IN EYES. Rinse cauluously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P361+P361 Store locked up. P361+P361 Store locked up. P400 Store locked up. D28 - Toxic material causing other toxic effects D28 - Toxic material causing other toxic effects D28 - Toxic material causing other toxic effects 1 D401 Heath (acute effects) = 1 HMIS rating's (scale 0-4) 1 HMIS rating's PB1 and vPVB assessment 1 D41 representation: Substances CASS of PB2 rand vPVB assessment PB1 Not applicable. 1 3 Composition/information on ingredients Chemical characterization: Substances CASS Description: 1 | H335 May cause respiratory irritation. Precautionary statements |
| P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Dispose of contents/container in accordance with local/regional/national/international regulations. D2B - Toxic material classing other toxic effects Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification system HMIS ratings (scale 0-4) (Hazardous Materials Identification System) Health (acute effects) = 1 Health (acute effects) = 1 Plenth(acute effects) = 1 Plenth(acute effects) = 1 Physical Hazard = 1 Other hazards Results of PBT and vPVB assessment PBT: Not applicable. Scomposition/information on ingredients YVB: Not applicable. VPVB: Not applicable. 4 First-aid measures After inhalation Supply tresh air. If required, provide antificial respiration. Keep patient warm. Seek immediate medical advice. After shi contact Immediately wash with water and scap and rinse thoroughly. Seek immediate medical advice. After set contact Rinse opened eye for several minutes under running water. Then consult a doctor. After set medical advice. | P261 Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Dispose of contents/container in accordance with local/regional/national/international regulations. D2B - Toxic material classing other toxic effects Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification system HMIS ratings (scale 0-4) (Hazardous Materials Identification System) Health (acute effects) = 1 Health (acute effects) = 1 Plenth(acute effects) = 1 Plenth(acute effects) = 1 Physical Hazard = 1 Other hazards Results of PBT and vPVB assessment PBT: Not applicable. Scomposition/information on ingredients YVB: Not applicable. VPVB: Not applicable. 4 First-aid measures After inhalation Supply tresh air. If required, provide antificial respiration. Keep patient warm. Seek immediate medical advice. After shi contact Immediately wash with water and scap and rinse thoroughly. Seek immediate medical advice. After set contact Rinse opened eye for several minutes under running water. Then consult a doctor. After set medical advice. | P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| WHWIS classification D2B - Toxic material causing other toxic effects D2B - Toxic material causing other toxic effects Classification system HMIS ratings (scale 0-4) (Hazardous Materials Identification System) Within the strings (scale 0-4) (Hazardous Materials Identification System) Within the strings (scale 0-4) (Hazardous Materials Identification System) Within the strings (scale 0-4) (Hazardous Materials Identification System) Within the strings (scale 0-4) (Hazardous Materials Identification System) Within the strings (scale 0-4) (Hazardous Materials Identification System) Within the strings (scale 0-4) (Hazardous of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Supply tresh air. I | P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P405 Store locked up. |
| D2B - Toxic material causing other toxic effects Image: Classification system HMIS ratings (scale 0-4) (Hazardous Materials Identification System) Image: Classification system Health (acute effects) = 1 Flammability = 1 Physical Hazard = 1 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 3 Composition/information on ingredients Chastic characterization: Substances CASt Description: 14446-24-3 6-Hydroxy-1,2,3,4-tetrahydroisoquinoline 4 First-aid measures After inhalation Supply resh ai: If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After skin contact Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. After swallowing Seek medical treatment. Seek immediate restlere. Gater and soap and rinse thoroughly. Seek medical treatment. Seek medical advice. After swallowing Seek medical dreatment. | |
| HMIS ratings (scale 0-4) (Hazardous Materials Identification System) Image: State 0-4) (Hazardous Material Hazardous Mater | |
| HMIS ratings (scale 0-4) (Hazardous Materials Identification System) Image: State 0-4) (Hazardous Material Hazardous Mater | $\overline{\mathbf{A}}$ |
| HMIS ratings (scale 0-4) (Hazardous Materials Identification System) Image: State 0-4) (Hazardous Material Hazardous Mater | \bigcirc |
| (Hazardous Materials Identification System) (Hazardous Materials Identification System) (Hazardous Materials Identification System) Flammability = 1 Flammability = 1 Physical Hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. 3 Composition/information on ingredients Chemical characterization: Substances CAS# Description: 14446-24-3 6-Hydroxy-1,2,3,4-tetrahydroisoquinoline 4 First-aid measures Description of first aid measures Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After skin contact Immediately wash with water and soap and rinse thoroughly. Seek immediated advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. | Classification system |
| Flammability = 1 Physical Hazard = 1 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. vP | HMIS ratings (scale 0-4) (Hazardous Materials Identification System) |
| Image: Second | HEALTH Health (acute effects) = 1 |
| Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. 3 Composition/information on ingredients Chemical characterization: Substances CAS# Description: 14446-24-3 6-Hydroxy-1,2,3,4-tetrahydroisoquinoline 4 First-aid measures Description of first aid measures After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After skin contact Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. | FIRE Flammability = 1 REACTIVITY Physical Hazard = 1 |
| PBT: Not applicable. vPvB: Not applicable. 3 Composition/information on ingredients Chemical characterization: Substances CAS# Description: 14446-24-3 6-Hydroxy-1,2,3,4-tetrahydroisoquinoline 4 First-aid measures Description of first aid measures After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After skin contact Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After eye kmedical treatment. | Other hazards |
| vPvB: Not applicable. 3 Composition/information on ingredients Chemical characterization: Substances CAS# Description: 14446-24-3 6-Hydroxy-1,2,3,4-tetrahydroisoquinoline 4 First-aid measures Description of first aid measures After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After skin contact Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing Seek medical treatment. | |
| Chemical characterization: Substances CAS# Description: 14446-24-3 6-Hydroxy-1,2,3,4-tetrahydroisoquinoline 4 First-aid measures Description of first aid measures After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After skin contact Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing Seek medical treatment. | vPvB: Not applicable. |
| Chemical characterization: Substances CAS# Description: 14446-24-3 6-Hydroxy-1,2,3,4-tetrahydroisoquinoline 4 First-aid measures Description of first aid measures After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After skin contact Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing Seek medical treatment. | 3 Composition/information on ingredients |
| CAS# Description: 14446-24-3 6-Hydroxy-1,2,3,4-tetrahydroisoquinoline 4 First-aid measures Description of first aid measures After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After skin contact Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing Seek medical treatment. | Chemical characterization: Substances |
| 4 First-aid measures Description of first aid measures After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After skin contact Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing Seek medical treatment. | CAS# Description: |
| Description of first aid measures After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After skin contact Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing Seek medical treatment. | |
| After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After skin contact Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing Seek medical treatment. | |
| Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After skin contact Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing Seek medical treatment. | After inhalation |
| After skin contact Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing Seek medical treatment. | Supply fresh air. If required, provide artificial respiration. Keep patient warm. |
| Seek immédiate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing Seek medical treatment. | After skin contact |
| After swallowing Seek medical treatment. | Seek immédiate medical advice. |
| (Contd. on page 2) USA | After swallowing Seek medical treatment. |
| | (Contd. on page 2) USA |
| | |

(Contd. of page 1)

Product name: 6-Hydroxy-1,2,3,4-tetrahydroisoquinoline

Information for doctor Most important symptoms and effects, both acute and delayed Causes skin irritation. Causes serious eye irritation. y cause respiratory irritation Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

Extinguishing media Extinguishing media Suitable extinguishing agents Carbon dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Special hazards arising from the substance or mixture If this product is involved in a fire, the following can be released: Carbon monoxide and carbon dioxide Nitrogen oxides (NOX) Advice for fireficience Advice for firefighters Protective equipment: Wear self-contained respirator. Wear fully protective impervious suit.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Environmental precautions: Do not allow product to reach sewage system or any water course. Methods and material for containment and cleaning up: Ensure adequate ventilation. Prevention of secondary hazards: No special measures required. 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.

7 Handling and storage

Handling Precautions for safe handling Keep container tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation at the workplace. Information about protection against explosions and fires: No information known. Conditions for safe storage, including any incompatibilities

Storage Requirements to be met by storerooms and receptacles: No special requirements. Information about storage in one common storage facility: Store away from oxidizing agents. Further information about storage conditions: Keep container tightly sealed. Store in cool, dry conditions in well sealed containers. **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute. Control parameters

Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: No data

Exposure controls

Exposure controls Personal protective equipment General protective and hygienic measures The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and fed. Remove all soiled and contaminated clothing immediately. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Meintain an ergenomically conception working onvironment

Maintain an ergonomically appropriate working environment. **Breathing equipment:** Use suitable respirator when high concentrations are present. **Recommended filter device for short term use:** Use a respirator with type N95 (USA) or PE (EN 143) cartridges as a backup to engineering controls. Risk assessment should be performed to determine if air-purifying respirators are appropriate. Only use equipment tested and approved under appropriate government standards. **Protection of hands:**

Impervious gloves

The selection of suitable gloves prior to each use for their proper condition. The selection of suitable gloves not only depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. Eye protection: Safety glasses Body protection: Protective work clothing.

9 Physical and chemical properties

| or mysical and chemical propertie | . |
|--|--|
| Information on basic physical and cl General Information Appearance: Form: Odor: Odor threshold: | nemical properties Powder Not determined Not determined. |
| pH-value: | Not applicable. |
| Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start: Flammability (solid, gaseous) | 192-193 °C (378-379 °F) Not determined Not determined Not determined. |

Product name: 6-Hydroxy-1,2,3,4-tetrahydroisoquinoline

| Ignition temperature: Decomposition temperature: | | (Contd. of page 2) |
|--|---|---|
| Decomposition temperatures | Not determined | (00000000000000000000000000000000000000 |
| | Not determined | |
| Auto igniting: | Not determined. | |
| Danger of explosion: Explosion limits: | Not determined. | |
| Lower: | Not determined | |
| Upper: | Not determined | |
| Vapor pressure: Density: | Not applicable. Not determined | |
| Relative density | Not determined. | |
| Vapor density | Not applicable. | |
| Evaporation rate Solubility in / Miscibility with | Not applicable. | |
| Water: | Not determined | |
| Partition coefficient (n-octanol/water): Viscosity: | Not determined. | |
| dynamic: | Not applicable. | |
| kinematic: | Not applicable. | |
| Other information | No further relevant information available. | |
| 10 Stability and reactivity | | |
| O Stability and reactivity | | |
| Reactivity No information known. Chemical stability Stable under recomn | nended storage conditions | |
| Thermal decomposition / conditions to | nended storage conditions. o be avoided: Decomposition will not occur if used and stored according to specifications. | |
| Possibility of hazardous reactions Rea Conditions to avoid No further relevant | acts with strong oxidizing agents | |
| Incompatible materials: Oxidizing agen | ninormation available. Its | |
| Hazardous decomposition products: | | |
| Carbon monoxide and carbon dioxide Nitrogen oxides | | |
| 5 | | |
| 11 Toxicological information | | |
| Information on toxicological effects | | |
| Acute toxicity: The Registry of Toxic Eff LD/LC50 values that are relevant for cl | fects of Chemical Substances (RTECS) contains acute toxicity data for this substance. | |
| Skin irritation or corrosion: Causes ski | | |
| Eye irritation or corrosion: Causes ser | rious eye irritation. | |
| Sensitization: No sensitizing effects kno Germ cell mutagenicity: No effects kno | DWN. | |
| Carcinogenicity: No classification data | on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. | |
| Reproductive toxicity: No effects know | n. | |
| Specific target organ system toxicity - Specific target organ system toxicity - | - repeated exposure: No effects known. - single exposure: May cause respiratory irritation. | |
| Aspiration hazard: No effects known. | | |
| Subacute to chronic toxicity: No effect | ts known. To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. | |
| Carcinogenic categories | | |
| | Ith Administration) Substance is not listed. | |
| 12 Ecological information | | |
| 12 Ecological information | | |
| | | |
| Toxicity | ormation available | |
| Aquatic toxicity: No further relevant info | ormation available. ner relevant information available. | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re | ner relevant information available. elevant information available. | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re Mobility in soil No further relevant inforr | ner relevant information available. elevant information available. | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re Mobility in soil No further relevant inforr Additional ecological information: General notes: | ner relevant information available. elevant information available. mation available. | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re Mobility in soil No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large g | ner relevant information available. elevant information available. | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re Mobility in soil No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. | ner relevant information available. elevant information available. mation available. quantities to reach ground water, water course or sewage system. | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re Mobility in soil No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPVB assessment PBT: Not apolicable. | ner relevant information available. elevant information available. mation available. quantities to reach ground water, water course or sewage system. | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re Mobility in soil No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment | er relevant information available. elevant information available. mation available. quantities to reach ground water, water course or sewage system. t | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re Mobility in soil No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further releval | er relevant information available. elevant information available. mation available. quantities to reach ground water, water course or sewage system. t | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re Mobility in soil No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further releva. 13 Disposal considerations | er relevant information available. elevant information available. mation available. quantities to reach ground water, water course or sewage system. t | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re- Mobility in soil No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further releva. 13 Disposal considerations Waste treatment methods | ner relevant information available. elevant information available. mation available. guantities to reach ground water, water course or sewage system. t int information available. | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re Mobility in soil No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. Other adverse effects No further releva. 13 Disposal considerations Waste treatment methods Recommendation Consult state, local o. Uncleaned packacings: | ner relevant information available. elevant information available. mation available. guantities to reach ground water, water course or sewage system. t ent information available. or national regulations to ensure proper disposal. | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re- Mobility in soil No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further releva. 13 Disposal considerations Waste treatment methods | ner relevant information available. elevant information available. mation available. guantities to reach ground water, water course or sewage system. t ent information available. or national regulations to ensure proper disposal. | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re- Mobility in soil No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further releva. 13 Disposal considerations Waste treatment methods Recommendation Consult state, local of Uncleaned packagings: Recommendation: Disposal must be me | ner relevant information available. elevant information available. mation available. guantities to reach ground water, water course or sewage system. t ent information available. or national regulations to ensure proper disposal. | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re Mobility in soil No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. Other adverse effects No further releva. 13 Disposal considerations Waste treatment methods Recommendation Consult state, local of Uncleaned packagings: Recommendation: Disposal must be ma 14 Transport information | ner relevant information available. elevant information available. mation available. guantities to reach ground water, water course or sewage system. t ent information available. or national regulations to ensure proper disposal. | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re- Mobility in soil No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further releva. 13 Disposal considerations Waste treatment methods Recommendation Consult state, local of Uncleaned packagings: Recommendation: Disposal must be me | ner relevant information available. elevant information available. mation available. guantities to reach ground water, water course or sewage system. t ent information available. or national regulations to ensure proper disposal. | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further relevant infor Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further releva. 13 Disposal considerations Waste treatment methods Recommendation Consult state, local o. Uncleaned packagings: Recommendation: Disposal must be ma 14 Transport information UN-Number DOT, ADN, IMDG, IATA | ner relevant information available. elevant information available. guantities to reach ground water, water course or sewage system. t int information available. or national regulations to ensure proper disposal. ade according to official regulations. Not applicable | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further relevant infor Mobility in soil No further relevant infor Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and VPVB assessment PBT: Not applicable. VPVB: Not applicable. Other adverse effects No further releva. 13 Disposal considerations Waste treatment methods Recommendation Consult state, local o Uncleaned packagings: Recommendation: Disposal must be ma 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADN, IMDG, IATA | ner relevant information available. elevant information available. mation available. quantities to reach ground water, water course or sewage system. t ent information available. or national regulations to ensure proper disposal. ade according to official regulations. | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further relevant infor Mobility in soil No further relevant infor Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and VPVB assessment PBT: Not applicable. VPVB: Not applicable. Other adverse effects No further releva. 13 Disposal considerations Waste treatment methods Recommendation Consult state, local o. Uncleaned packagings: Recommendation: Disposal must be ma 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADN, IMDG, IATA Transport hazard class(es) | ner relevant information available. elevant information available. guantities to reach ground water, water course or sewage system. t int information available. or national regulations to ensure proper disposal. ade according to official regulations. Not applicable | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further relevan 13 Disposal considerations Waste treatment methods Recommendation Consult state, local of Uncleaned packagings: Recommendation: Disposal must be ma 14 Transport information UN-Number DOT, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA | ner relevant information available. elevant information available. mation available. guantities to reach ground water, water course or sewage system. t int information available. or national regulations to ensure proper disposal. ade according to official regulations. Not applicable Not applicable | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further relevan 13 Disposal considerations Waste treatment methods Recommendation Consult state, local of Uncleaned packagings: Recommendation: Disposal must be ma 14 Transport information UN-Number DOT, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class | ner relevant information available. elevant information available. guantities to reach ground water, water course or sewage system. t int information available. or national regulations to ensure proper disposal. ade according to official regulations. Not applicable | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re- Mobility in soil No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further relevan 13 Disposal considerations Waste treatment methods Recommendation Consult state, local of Uncleaned packagings: Recommendation: Disposal must be ma 14 Transport information UN-Number DOT, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA | ner relevant information available. elevant information available. mation available. guantities to reach ground water, water course or sewage system. t int information available. or national regulations to ensure proper disposal. ade according to official regulations. Not applicable Not applicable | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further relevan 13 Disposal considerations Waste treatment methods Recommendation Consult state, local of Uncleaned packagings: Recommendation: Disposal must be ma 14 Transport information UN-Number DOT, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class | ner relevant information available. elevant information available. mation available. puantities to reach ground water, water course or sewage system. t int information available. or national regulations to ensure proper disposal. ade according to official regulations. Not applicable Not applicable Not applicable | |
| Aquatic toxicity: No further relevant info Persistence and degradability No furth Bioaccumulative potential No further re- Mobility in soil No further relevant inforr Additional ecological information: General notes: Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. vPvB: Not applicable. Other adverse effects No further releva. 13 Disposal considerations Waste treatment methods Recommendation: Disposal must be me 14 Transport information UN-Number DOT, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, IMDG, IATA | ner relevant information available. elevant information available. mation available. puantities to reach ground water, water course or sewage system. t int information available. or national regulations to ensure proper disposal. ade according to official regulations. Not applicable Not applicable Not applicable Not applicable | |

(Contd. on page 4)

| Product name: 6-Hydroxy-1,2,3,4-tetrahydroisoquinoline | |
|--|-----------------------------------|
| | (Contd. of page 3) |
| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable. | |
| Transport/Additional information: | |
| DOT Marine Pollutant (DOT): No | |
| UN "Model Regulation": - | |
| 15 Regulatory information | |
| Safety, health and environmental regulations/legislation specific for the substance or mixture GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms | |
| GHS07 | |
| Signal word Warning Hazard statements H315 Causes services we irritation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P305+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 FINHALED: Remove vicint to frisch air and keep at rest in a position comfortable for breathing. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. National regulations This product is not listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this prot to research and development only. This product must be used by or directily under the supervision of a technically qualified individual as defined by T product is not listed on the Canadian Domestic Substances is not listed. Prop 65 - Chemicals known to cause cancer Substance is not listed. Prop 65 - Developmental toxicity, female Substance is not listed. Prop 65 - Developmental toxicity, mate Substance is not listed. Prop 65 - Developmental tox | SCA. This |
| 16 Other information Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suite information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the p conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user. | ability of this product not in |
| Department issuing SDS: Global Marketing Department Date of preparation / last revision 04/22/2016 / - Abbreviations and acronyms: ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) DOT: US Department of Transportation CAS: Chemical Abstracts Service (division of the American Chemical Society) HMIS: Hazardous Materials Information System (USA) WHIMIS: Workplace Hazardous Materials Information System (Canada) LC50: Lethial concentration, 50 percent UD50: Lethial concentration, 50 percent LD50: Lethial dose, 50 percent UNSA) WTP: Netional Safety and Health Administration (USA) WTP: National Toxicology Program (USA) MARC: International Agency for Research on Cancer EPA: Environmental Protection Agency (USA) Skin Inti. 2: Skin corosion/irritation, Hazard Category 2 Eye Inti. 2A: Serious eye damage/eye intiation, Hazard Category 2A STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3 | USA |