



<ul> <li>I I I Identification Product Identify Produ</li></ul>		wed 0/1 09/30/2014
Product name: 3-Bronzo-Englichoxy-2-methylpyridine         Stock number:         CAS Mumber:	1 Identification	
Stock number: H99227         CAS MUMPS: H99217         Addition of the supplier of the safety data sheet         Addition of the supplier of the safety data sheet         Addition of the safety data sheet         Classification of the substance or mature in accordance with 29 CFR 1910 (OSHA HCS)         Off Official data sheet         Official data sheet         Classification of the substance or mature in accordance with 29 CFR 1910 (OSHA HCS)         Official data sheet         Officia		
CAS Number:       Characterization of the substance or mixture and uses advised against.         Retwork of Mendine Uses: SU24: Socientitic research and development       Development: Characterization of the substance or mixture and uses advised against.         Retwork of Mendine Use: SU24: Socientitic Coencies, Inc.       The more of Mendine Use: SU24: Socientitic Coencies, Inc.         Weight of Mendine Use: SU24: Socientitic Coencies, Inc.       The more of Mendine Use: Substance or mixture in accordance with 20 CFR 1910 (OSHA HCS)         21: Mazerd (3) Identification       Characterization of the substance or mixture in accordance with 20 CFR 1910 (OSHA HCS)         Composition of the substance or mixture in accordance with 20 CFR 1910 (OSHA HCS)       Composition of the substance or mixture in accordance with 20 CFR 1910 (OSHA HCS)         Control Composition       Control Composition       Control Composition         Return of the Substance or mixture in accordance with 20 CFR 1910 (OSHA HCS)       Control Composition         Control Composition       Control Composition       Control Composition         Control Composition       Control Composition Product to classified and labeled in accordance with 20 CFR 1910 (OSHA HCS)         Control Composition       Control Composition Product to classified and labeled in accordance with 20 CFR 1910 (OSHA HCS)         Control Composition       Control Composition Product to classified and labeled in accordance with 20 CFR 1910 (OSHA HCS)         Control Composition Product to classified and labeled in		
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Details of the supplied of the safety data sheet	Relevant identified uses of the substance or mixture and uses advised against.	
Thermor Fisher Scientific Chemicals, Inc. What Yill, Kin Science and Science (Inclusion of the second and se	Details of the supplier of the safety data sheet Manufacturer/Supplier:	
Proc Structure       Proc	Alfa Aesar Thermo Fisher Scientific Chemicals, Inc.	
Proceeding       Proceeding         Proceeding	Ward Hill, MA (01835-8099	
With Starting       Starting Torking Justice         2 Hazard(s) identification         Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Constitution of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Constitution of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Constitution of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Constitution of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Constitution of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Constitution of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Constitution of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Constitution of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Constitution of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Constitution of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Constitution of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Constitution of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Constitution of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Constitution of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Constitution of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)	Fax: 800-322-4757	
Emergency telephone number:         During northolisations hous labores hous (Monday-Finday, Bam-Tom EST), call (800) 343-0660. After normal business hours, call Carechem 24 at (866) 928-0789.         21 Azard(s) Identification         Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Own Constraints of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Own Constraints         Applied To the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Own Constraints         Applied To the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)         Own Constraints         Charlos Constraints         Constraints         Charlos Constraints         Constraints         Constraints         Constraints         Constraints         Constraints         C	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)         Of HSUG Corresion         Eyre Dam, 1, H318 Causes serious eye damage.         Acute Tox: A H302 Harmful if swallowed.         Acute Tox: A Statements         Mean of Conger         Mean of Conger      <	During normal business hours (Monday-Friday, 8am-7pm EST), call (800) 343-0660. After normal business hours, call Carechem 24 at (866) 928	-0789.
GH300 Corrosion             Field Dam, 1, H318 Causes serious eye demage,             GH300 Tox, 4 H302 Harmful if seallowed,             GH300 Tox, 4 H302 Harmful if seallowed,             GH300 Formation and the seal of the information known,             GH300 Formation and the seal of the information known,             GH300 Formation and the seal of the information known,             GH300 Formation             Guadation <tr< td=""><td></td><td></td></tr<>		
Ever Dam. 1       H318 Causes serious eye damage.		
With Start         Acute Tox. 4 H302: Harmfull if swallowed.         Maxards not otherwise classified and labeled in accordance with 29 CFR 1910 (OSHA HCS)         Constraint of integration of the product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS)         With Start of integration of the product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS)         With Start of integration         Signal word: Brance         Maxard statements         Part Harmfull if swallowed.         Maxard statements         Part Harmfull if swallowed.         Maxard statements         Part Harmfull if swallowed.         Part Harmfull if swallowed.         Maxard statements         Part Harmfull if swallowed.         Part Harmfull if swallowed.         Maxard statements         Part Harmfull if swallowed.		
Acute Tox 4 H302 Hamful II swallowed. Hazards not otherwise classified to information known. Label elements Braserd pictorgrams Weight Compared Weight Compared Hazard Statements Signal work Compared Hazard Statements PCC Hamful II swallowed. Hazard Statements PCC Hamful II swallowed. PCC Hazard Statements PCC Hazard Statements PCC Hamful II Swallowed. DCL Statements PCC Hazard Statements PCC Hazard Hamful II Swallowed. DCL Statements PCC Hamful II Swallowed. PCC Hamful II Swallowed. PCC Hamful II Swallowed. DCL Statements PCC Hamful II Swallowed. DCL Statements PCC Hamful II Swallowed. DCL Statements PCC Hamful II Swallowed. DCL Statements PCC Hamful II Swallowed. PCC Hamful II Swallowed. Hamful II Swallowed. Ham	Eye Dam. 1 H318 Causes serious eye damage.	
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GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS)         Hazard pictograms         GHS05 GHS07         Signal word Danger         Hazard pictograms         Precautionary statements         Proceutionary statements <td>Acute Tox. 4 H302 Harmful if swallowed. <b>Hazards not otherwise classified</b> No information known.</td> <td></td>	Acute Tox. 4 H302 Harmful if swallowed. <b>Hazards not otherwise classified</b> No information known.	
Weight of the second	GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS)	
Signal word Danger Hazer distances         Signal Hazer distances         Signa	$\wedge$ $\wedge$	
Signal word Danger Hazer distances         Signal Hazer distances         Signa		
Hazerd statements         H32C Harms         H32C Harms         H32C Harms         H32C Assesserious eye damage.         H32C Harms         P364         Wash throughly after handling.         P305 HP332 IF IN VESS. Rinse calludsly with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.         P305 HP332 IF SWALLOWED. Call a POISON CENTER/doctor//if you feel unwell.         P301 Immediately call a POISON CENTER/doctor//if you feel unwell.         P305 HP332 IF SWALLOWED. Call a POISON CENTER/doctor//if you feel unwell.         P305 HP312 IF SWALLOWED. Call a POISON CENTER/doctor//if you feel unwell.         P305 HP313 IF SWALLOWED. Call a POISON CENTER/doctor//if you feel unwell.         WHMS classification         D28 - Toxic material causing other toxic effects         D290         Classification system         MMS rating's Scale 0-4)         (Hazardo as Materials Identification System)         Hard function of hydrogenetic terms         Provision Materials Identification system         Physical Hazard = 1         Provision of Information on ingredients         Provision of Information on ingredients         Schemical Characterization: Substances         CASE Description:         S4923-31-34 S-Bronce-6-hydroxy-2- methyloyridine		
H318 Causes serious eye damage. Precautionary statements P200 P301+P33B IF IN B-IES. Thisse cautionally with after fandling. P301+P31 IF IS WIES. Call a POISON CENTER/doctor/if you feel unwell. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification system FMIS rations (scale 0-4) (Hazardous Materials Identification System) Wiesen Path (acute effects) = 2 PanmabHy = 1 P301 P31 and VPVB assessment P31 Not applicable. 3 Composition/information on ingredients Chemical characterization: Substances CAS Description of first aid measures After inflation Supply firsh air. If required, provide artificial respiration. Keep patient warm. Seek inmediate medical advice. After self acute artificial respiration. Keep patient warm. Seek intervalue and scap and rinse thoroughly. Measter Miestian and 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. After several windowing Seek Medical tradeuternet.	Hazard statements	
P280       Wear protective gloves/protective clothing/eye protection.         P264       Wear protective gloves/protective clothing/eye protection.         P264       Wear browdpit with mater for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.         P301       Immediately call a POISON CENTER/doctor/fif you feel unwell.         P301       PSWALLOWED: Call a POISON CENTER/doctor/fif you feel unwell.         P301       If SWALLOWED: Call a POISON CENTER/doctor/fif you feel unwell.         P301       Dison Central accordance with local/regional/national/international regulations.         WHMS classification       Dison Central accordance with local/regional/national/international regulations.         WHMS classification system       Himms classification System         HMINS ratings (scale 0-4)       Headth (acute effects) = 2         Headth (acute effects) = 2       Physical Hazard = 1         Other hazards       Results of PBT and VPB assessment         PBT: Not applicable.       PBT and VPA assessment         2492:3:31-8:3:8/arom-6-hydroxy-2-methylpyridine       Substances         CASE Description:       5492:3:31-8:3:8/arom-6-hydroxy-2-methylpyridine         4 First-aid measures       Description of first aid measures         After inhomation       Supply fresh at: Inequired, provide artificial respiration. Keep patient warm.         Supply fresh at:	H318 Causes serious eye damage.	
<ul> <li>P301 P312 Infinitediately call a POISON CENTERVADCOV/if you feel unwell. P301 P312 Dispose of contents/container in accordance with local/regional/national/international regulations.</li> <li>P301 P312 Dispose of contents/container in accordance with local/regional/national/international regulations.</li> <li>P301 P312 Toxic material causing other toxic effects</li> <li>P301 P312 Toxic material causing other toxic effects</li> <li>P301 P312 Toxic material causing other toxic effects</li> <li>P301 P312 Toxic material identification System</li> <li>P401 P312 Health (acute effects) = 2 Flarmability = 1 P401 P312 P1 P312 P1 P312 P312 P312 P312 P3</li></ul>	Precautionary statements P280 Wear protective gloves/protective clothing/eye protection/face protection.	
<ul> <li>Infinitediately call a POISON CEVTER/doctor//if you feel unwell. P301+P312 Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose of PBT and vPVB assessment PBT: Not applicable. 3 Composition/information on ingredients Chemical characterization: Substances CASte Description of first aid measures Meri inhalation endered advice. After skin contact Immediate medical advice. After skin contact Immediate medical advice. After skin contact Immediate medical advice. After skin contact Immediate medical advice. After skin contact Immediate with advice in advice. After skin contact Immediate medical advice. Immediate me</li></ul>	P264 Wash thoroughly after handling. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsii	ng.
Willis Classification         D2B - Toxic material causing other toxic effects         D2B - Toxic material causing other toxic effects </td <td>P310 Immediately call a POISON CENTER/doctor/ P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor//if you feel unwell.</td> <td></td>	P310 Immediately call a POISON CENTER/doctor/ P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor//if you feel unwell.	
Check         Check         Check         HMUS ratings (scale 0-4)         (Hazardous Materials Identification System)         Hum B         Hammability = 1         Parmability = 1         Provide attributes         Provide attributes         Other hazards         Results of PBT and vPvB assessment         PBT: Not applicable.         3 Composition/information on ingredients         Chemical characterization: Substances         CAS# Description:         5423:31:8 3-Bromo-6-hydroxy-2-methylpyridine         4 First-aid measures         Mere share at 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 set and thread advice attributes under running water. Then consult a doctor.         After get moducal respiration treatment.	WHMIS classification	
Classification system HMIS ratings (scale 0-4) (Hazardous Materials Identification System) Health (acute effects) = 2 Fammability = 1 Physical Hazard = 1 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 3 Composition/Information on ingredients Chemical characterization: Substances CAS# Description: 54923-31-8 3-Bromo-6-hydroxy-2-methylpyridine 4 First-aid measures Atter inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After esk incontact Immediate medical advice. After esk copened eye for several minutes under running water. Then consult a doctor. After esk medical advice.		
HMIS ratings (scale 0-4) (Hazardous Materials Identification System)         Image: Problem 1         Health (acute effects) = 2 Flammability = 1 Physical Hazard = 1         Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.         3 Composition/information on ingredients Chemical characterization: Substances CASE Description: 54923-31-8 3-Bromo-6-hydroxy-2-methylpyridine         4 First-aid measures Description of first aid measures After inhalation Supply Tresh 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 symallowing Seek medical treatment.	$(\mathbf{T})$	
(Hazardouš Materials Identification System)         Image: Planmability = 1         Flammability = 1         Physical Hazard = 1         Other hazards         Results of PBT and vPvB assessment         PBT: Not applicable. <b>3 Composition/information on ingredients</b> Chemical characterization: Substances         CAS# Description:         54923-31-8 3-Bromo-6-hydroxy-2-methylpyridine <b>4 First-aid measures</b> 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 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.	Classification system	
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Resultive:       Physical Házard = 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:       Substances         CAS# Description       54923-31-8 3-Bromo-6-hydroxy-2-methylpyridine         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 II Flammability = 1	
Results of PBT and vPvB assessment         PBT: Not applicable.         vPvB: Not applicable.         vPvB: Not applicable.         vPvB: Not applicable.         3 Composition/information on ingredients         Chemical characterization: Substances         CAS# Description:         54923-31-8 3-Bromo-6-hydroxy-2-methylpyridine         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         Immediate medical advice.         After symediate medical treatment.         Seek immediate medical advice.	REACTIVITY 1 Physical Házard = 1	
vPvB: Not applicable. 3 Composition/information on ingredients Chemical characterization: Substances CASH Description: 54923-31-8 3-Bromo-6-hydroxy-2-methylpyridine 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 swallowing Seek medical treatment.	Results of PBT and vPvB assessment	
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54923-31-8 3 <sup>2</sup> Bromo-6-hydroxy-2-methylpyridine <b>4 First-aid measures</b> <b>Description of first aid measures</b> <b>After inhalation</b> Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. <b>After skin contact</b> Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. <b>After eye contact</b> Rinse opened eye for several minutes under running water. Then consult a doctor. <b>After swallowing</b> Seek medical treatment.		
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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 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.	
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		USA -

## Product name: 3-Bromo-6-hydroxy-2-methylpyridine

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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 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) Hydrogen bromide (HBr) 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: Dispose of contaminated material as waste according to section 13. 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: 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 feed. Remove all solied and contaminated clothing immediately. Wash hands before breaks and at the end of work. Avoid contact with the aves Avoid contact with the eyes. 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 P100 (USA) or P3 (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 Check protective 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. **Penetration time of glove material (in minutes)** Not determined **Eye protection:** Tightly sealed goggles **Body protection:** Protective work clothing. 9 Physical and chemical properties Information on basic physical and chemical properties General Information Appearance: Form: Solid Odor: Not determined Odor threshold: Not determined pH-value: Not applicable. .... 199-203 °C (390-397 °F) Not determined

Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start: Flammability (solid, gaseous)	199-203 °C (390 Not determined Not determined Not determined.

## Product name: 3-Bromo-6-hvdroxv-2-methvlpvridine

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		Reviewed on 09/30/2014
Product name: <b>3-Bromo-6-hydroxy</b> -	2-methylpyridine	
		(Contd. of page 2)
Ignition temperature: Decomposition temperature: Auto igniting:	Not determined Not determined Not determined.	
Danger of explosion: Explosion limits:	Not determined.	
Lower: Upper:	Not determined Not determined	
Vapor pressure:	Not applicable.	
Density: Relative density	Not determined Not determined	
Vapor density Evaporation rate	Not applicable. Not applicable.	
Solubility in / Miscibility with Water:	Not determined	
Partition coefficient (n-octanol/water Viscosity:		
dynamic: kinematic:	Not applicable. Not applicable.	
Other information	No further relevant information available.	
10 Stability and reactivity Reactivity No information known. Chemical stability Stable under recom Thermal decomposition / conditions Possibility of hazardous reactions R Conditions to avoid No further relevan Incompatible materials: Oxidizing age Hazardous decomposition products: Carbon monoxide and carbon dioxide Nitrogen oxides Hydrogen bromide	nt information available.	
Reproductive foxicity: No effects kno Specific target organ system toxicity Specific target organ system toxicity Aspiration hazard: No effects known. Subacute to chronic toxicity: No effe	e irritation prious eye damage. hown. hown. a on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA o nn. - <b>repeated exposure:</b> No effects known. - <b>single exposure:</b> No effects known.	
12 Ecological information Toxicity Aquatic toxicity: No further relevant in Persistence and degradability No further Bioaccumulative potential No further Mobility in soil No further relevant information: General notes: Do not allow undiluted product or large Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further relevant	her relevant information available. relevant information available. rmation available. quantities to reach ground water, water course or sewage system. <b>nt</b>	
13 Disposal considerations Waste treatment methods Recommendation Consult state, local Uncleaned packagings: Recommendation: Disposal must be r	or national regulations to ensure proper disposal. nade according to official regulations.	
14 Transport information		
UN-Number DOT, ADN, IMDG, IATA	Notannlicable	
UN proper shipping name	Not applicable	
DOT, ADN, IMDG, ĬATA Transport hazard class(es)	Not applicable	
DOT, ADR, ADN, IMDG, IATA		
Class	Not applicable	
Packing group DOT, IMDG, IATA	Not applicable	
Environmental hazards:	Not applicable.	
Special precautions for user Transport in bulk according to Anne	Not applicable. x II of MARPOL73/78 and the IBC Code Not applicable.	
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USA

Product name: 3-Bromo-6-hydroxy-2-methylpyridine
(Contd. of page
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
GHS05 GHS07
Signal word Danger         Hazard statements         H302 Harmful if swallowed.         H318 Causes serious eye damage.         Precautionary statements         P280       Wear protective gloves/protective clothing/eye protection/face protection.         P264       Wash thoroughly after handling.         P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.         P300       Immediately call a POISON CENTER/doctor/         P301+P312       IF SWALLOWED: Call a POISON CENTER/doctor//if you feel unwell.
National regulations This product is not listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restricted to research and development only. This product must be used by or directly under the supervision of a technically qualified individual as defined by TSCA. This product must not be used for commercial purposes or in formulations for commercial purposes. This product is not listed on the Canadian Domestic Substances List (DSL) or the Canadian Non-Domestic Substances List (NDSL). SARA Section 313 (specific toxic chemical listings) Substance is not listed. California Proposition 65
Prop 65 - Chemicals known to cause cancer Substance is not listed. Prop 65 - Developmental toxicity Substance is not listed. Prop 65 - Developmental toxicity, female Substance is not listed. Prop 65 - Developmental toxicity, male Substance is not listed. Information about limitation of use: For use only by technically qualified individuals. Other regulations, limitations and prohibitive regulations Substance of Very High Concern (SVHC) according to the REACH Regulations (EC) No. 1907/2006. Substance is not listed.
The conditions of restrictions according to Article 67 and Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the market and use must be observed. Substance is not listed. Annex XIV of the REACH Regulations (requiring Authorisation for use) Substance is not listed. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.
16 Other information Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.
Department issuing SDS: Global Marketing Department Date of preparation / last revision 11/24/2015 / - 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 Identification System (USA) WHMIS: Workplace Hazardous Materials Information System (Canada) LCS0: Lethal concentration, 50 percent LDS0: Lethal dose, 50 percent UCS0: Lethal dose, 50 percent UCS0: Lethal dose, 50 percent

vPvB: very Persistent and very Bioaccumulative ACGIH: American Conference of Governmental Industrial Hygienists (USA) OSHA: Occupational Safety and Health Administration (USA) NTP: National Toxicology Program (USA) IARC: International Agency for Research on Cancer EPA: Environmental Protection Agency (USA)