



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT AGELADINE A

MSDS DATE: September 2013

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Ageladine A

CAS Number: 643020-13-7

MANUFACTURER and EMERGENCY CONTACT : MarNaS Biochemicals GmbH ; www.marnasbio.com

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CHEMICAL NAME: [4-(4,5-dibromo-1H-pyrrol-2-yl)]-1H-imidazo[4,5-c]pyridin-2-amine trifluoroacetate

CHEMICAL FAMILY: Alkaloid

CHEMICAL FORMULA: C₁₂H₈Br₂F₃N₅O₂

PRODUCT USE: intracellular pH indicator, Viability indicator

SECTION 2: HAZARDS IDENTIFICATION

ACUTE HEALTH HAZARDS: To the best of our knowledge, the toxicological properties of this compound have not been fully investigated. It may cause toxic effects if ingested, inhaled or absorbed through skin. Exercise appropriate precautions to prevent inhalation and direct contact with skin or eyes.

CHRONIC HEALTH HAZARDS: unknown

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: unknown

CARCINOGENICITY: unknown

SECTION 3: FIRST AID MEASURES

EYES: Flush eyes with running water for at least 15 minutes holding the eyelids open. Seek medical attention immediately

SKIN: Wash with soap and water for 15 minutes. Remove contaminated clothing and shoes. Seek medical attention immediately

INGESTION: Rinse mouth with water. Seek medical attention immediately.

INHALATION: Remove from exposure and move the exposed person to fresh air. If breathing is difficult, administer oxygen.

SECTION 4: FIRE-FIGHTING MEASURES

FLAMMABILITY: not available

FLASH POINT: not available

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon dioxide, Nitrogen Oxides

NOTES: Use self contained breathing apparatus and protective clothing to prevent contact with skin and eyes

SECTION 5: HANDLING AND STORAGE

HANDLING AND STORAGE: for spill clean up, wear suitable protective clothing, chemical resistant rubber gloves, rubber boots and chemical safety goggles.



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SECTION 6: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: dark brownish salt

ODOR: odorless

PHYSICAL STATE: solid

pH AS SUPPLIED: around pH 7

BOILING POINT: not available

MELTING POINT: not available

FREEZING POINT: not available

Solubility: Methanol, DMSO

SECTION 7: STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions

SECTION 8: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: no data available

SECTION 9: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: no data available

SECTION 10: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: dispose in compliance with the local and national regulations

SECTION 11: TRANSPORT INFORMATION

The product is not classified as dangerous for carriage

SECTION 12: REGULATORY INFORMATION

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

SECTION 13: OTHER INFORMATION

DISCLAIMER: The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.