## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name 2-Acetylamino-5-bromopyridine

## 2. HAZARDS IDENTIFICATION Classification of the substance or mixture

According to Regulation (EC) No1272/2008

Acute toxicity, Oral (Category 4) Skin irritation (Category 2) Eye irritation (Category 2) Skin sensitization (Category 1)

Specific target organ toxicity - single exposure (Category 3) According to European Directive 67/548/EEC as amended.

Harmful if swallowed. Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact. Label elements

Pictogram

Warning

Signal word

Hazard statement(s) H302

Harmful if swallowed. Causes skin irritation. H315 H317

May cause an allergic skin reaction. H319 H335

Causes serious eye irritation. May cause respiratory irritation. Precautionary statement(s)

P280

IF IN EYES: Rinse cautiously with water for several minutes. Remove P305 + P351 + P338

P261 Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves.

contact lenses, if present and easy to do. Continue rinsing. Hazard symbol(s)

Harmful Xn

R-phrase(s)

R22 Harmful if swallowed. R36/37/38 Irritating to eyes, respiratory system and skin.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. Other hazards - none

May cause sensitization by skin contact.

Classification

H319, H335

Xn, R22 - R36/37/38 - R43

Concentration

3. COMPOSITION/INFORMATION ON INGREDIENTS

215,05 g/mol

Molecular Weight

R43

S26

S-phrase(s)

## EC-No. CAS-No.

2-Acetylamino-5-bromopyridine 7169-97-3 Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1; STOT SE 3; H302, H315, H317,

For the full text of the H-Statements mentioned in this Section, see Section 16. 4. FIRST AID MEASURES

Consult a physician. Show this safety data sheet to the doctor in attendance.

## If inhaled If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

General advice

In case of skin contact

Wear self contained breathing apparatus for fire fighting if necessary.

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Wash off with soap and plenty of water. Consult a physician.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In case of eye contact

If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special protective equipment for fire-fighters

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

Methods and materials for containment and cleaning up Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

**Precautions for safe handling** 

**Environmental precautions** Do not let product enter drains.

7. HANDLING AND STORAGE

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire

Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or

type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the

Choose body protection according to the amount and concentration of the dangerous substance at the

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Conditions for safe storage

Respiratory protection

protection.

Personal protective equipment

government standards such as NIOSH (US) or CEN (EU). Hand protection

solid

175 - 179 °C - lit.

no data available

no data available

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Handle with gloves. Eye protection

Hygiene measures Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. 9. PHYSICAL AND CHEMICAL PROPERTIES **Appearance** 

standard EN 374 derived from it.

Face shield and safety glasses

Skin and body protection

work place.

Form

Melting point

Boiling point

no data available

Oxidizing agents

Materials to avoid

Upper explosion limit

Safety data рΗ no data available

Flash point Ignition temperature no data available Lower explosion limit no data available

Water solubility no data available Partition coefficient: log Pow: 1,274 n-octanol/water 10. STABILITY AND REACTIVITY Chemical stability Stable under recommended storage conditions. Conditions to avoid

11. TOXICOLOGICAL INFORMATION **Acute toxicity** 

Skin corrosion/irritation

Serious eye damage/eye irritation

Respiratory or skin sensitization

Hydrogen bromide gas

no data available

no data available

no data available

Carcinogenicity

no data available

investigated.

**Toxicity** 

no data available

no data available

Mobility in soil no data available

no data available

Aspiration hazard no data available

Potential health effects

Additional Information RTECS: no data available

12. ECOLOGICAL INFORMATION

PBT and vPvB assessment

Reproductive toxicity

Hazardous decomposition products

May cause allergic skin reaction. Germ cell mutagenicity no data available

May be harmful if inhaled. Causes respiratory tract irritation.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste

disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn

May be harmful if absorbed through skin. Causes skin irritation.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as

probable, possible or confirmed human carcinogen by IARC.

Harmful if swallowed.

Causes eye irritation.

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx),

no data available Specific target organ toxicity - single exposure Inhalation - May cause respiratory irritation.

Specific target organ toxicity - repeated exposure

Inhalation Ingestion Skin Eyes

Signs and Symptoms of Exposure

Persistence and degradability no data available Bioaccumulative potential

Other adverse effects no data available 13. DISPOSAL CONSIDERATIONS **Product** 

in a chemical incinerator equipped with an afterburner and scrubber.

14. TRANSPORT INFORMATION ADR/RID

Not dangerous goods

Not dangerous goods

16. OTHER INFORMATION

Xn R22

**IMDG** 

**IATA** 

**Contaminated packaging** Dispose of as unused product.

Not dangerous goods 15. REGULATORY INFORMATION

Acute Tox. Acute toxicity Eye Irrit. Eye irritation Harmful if swallowed. H302 H315 Causes skin irritation. May cause an allergic skin reaction. H317

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H319 Causes serious eye irritation. H335 May cause respiratory irritation. Skin irritation Skin Irrit.

Harmful if swallowed.

Harmful

Text of H-code(s) and R-phrase(s) mentioned in Section 3

Irritating to eyes, respiratory system and skin. R36/37/38 May cause sensitization by skin contact. R43 **Further information** For R&D use only. Not for drug, household or other uses. WARRANTY:

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.