

MATERIAL SAFETY DATA SHEET

Chemical Product

Product Name: 5-BROMO-URACIL 97% Extra Pure
CAS#: 51-20-7
Chemical Name: 5-BROMO-URACIL 97% Extra Pure
Chemical Formula: C₄H₃BrN₂O₂

Composition and Information on Ingredients

Substance / Preparation: 5-BROMO-URACIL 97% Extra Pure
CAS No : 51-20-7
Substance.

Contains no other components or impurities which will influence the classification of the product.

Name	S.K.U	% by Weight
5-BROMO-URACIL	GCS-6639	100

Hazards Identification

Classification of the
substance or mixture
Classification EC 67/548
or EC 1999/45
Classification :
Xn; R22

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)
Health hazards: Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4) H302

Other hazards : The substance does not fulfil the criteria to be identified as
PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

First Aid Measures

Description of first aid measures:

Inhalation: Assure fresh air breathing. Allow the victim to rest.

Skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

Ingestion: Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting. Rinse mouth. Call a POISON CENTER or doctor if you feel unwell.

Most important symptoms and effects, both acute and delayed:

Symptoms relating to use: Swallowing a small quantity of this material will result in serious health hazard.

Indication of any immediate medical attention and special treatment needed:

General information: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Fire and Explosion Data

Extinguishing media:

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
Surrounding fires	: Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or mixture:

Hazardous combustion products	: Under fire conditions, hazardous fumes will be present.
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Advice for fire-fighters:

Protection against fire	: Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures	: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: For emergency responders :Equip cleanup crew with proper protection.

:Ventilate area.

For non-emergency personnel :Evacuate unnecessary personnel.

Environmental precautions

Environmental precautions	:Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
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Methods and material for containment and cleaning up:

Clean up methods : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

Handling and Storage**Precautions for safe handling**

Handling : Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Technical protective measures : Provide good ventilation in process area to prevent formation of vapour.

Conditions for safe storage, including any incompatibilities:

Storage : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

Storage - away from : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

Exposure Controls/Personal Protection**Exposure controls:**

Personal protection: Avoid all unnecessary exposure.

- Respiratory protection: Wear approved mask.
- Hand protection: Wear protective gloves.
- Skin protection: Wear suitable protective clothing.
- Eye protection: Chemical goggles or safety glasses.
- Others: When using, do not eat, drink or smoke.

Control parameters:

Occupational Exposure Limits: No data available.

Physical and Chemical Properties**Physical state and appearance****: Solid**

Odor	: Not available.
Taste	: Not available.
Molecular Weight	: Not available.
Color	: White powder
pH (1% soln/water)	: Not available.
Boiling Point	: Not available.
Melting Point	: > 300 °C
Critical Temperature	: Not available.
Specific Gravity	: Not available.

Vapor Pressure	: Not applicable.
Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Water/Oil Dist. Coeff.	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: Not available.
Solubility	: Not available.

Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions to avoid: Direct sunlight. Extremely high or low temperatures.

Incompatibility with various substances: Not available.

Materials to avoid: Strong acids. Strong bases.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Hazardous decomposition products: Fumes. Carbon monoxide. Carbon dioxide.

Toxicological Information

Information on toxicological effects:

Acute toxicity:

- Inhalation: Based on available data, the classification criteria are not met.
- Dermal: Based on available data, the classification criteria are not met.
- Ingestion: Harmful if swallowed.

Corrosion: Based on available data, the classification

criteria are not met. Sensitization: Based on available

data, the classification criteria are not met. Mutagenicity:

Based on available data, the classification criteria are not

met. Carcinogenicity: Based on available data, the

classification criteria are not met.

Toxic for reproduction: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification

criteria are not met.

STOT-repeated exposure: Based on available data, the

classification criteria are not met.

Aspiration hazard: Based on available data, the classification

criteria are not met.

Ecological Information

Toxicity information: Not established.

BOD5 and COD: Not available.

Persistence - degradability: Biodegradable.

Bioaccumulative potential: Not established.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

Results of PBT and vPvB assessment: The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Environmental precautions: Avoid release to the environment.

Disposal Considerations

Waste Disposal: Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Transformation Information

Land transport (ADR-RID)
General information : Not regulated.

Sea transport (IMDG) [English only]
General information : Not regulated.

Air transport (ICAO-IATA) [English only]
General information : Not regulated.

Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Safety, health and environmental : Ensure all national/local regulations are observed.

regulations/legislation specific for the substance or mixture.

REACH Restrictions - Annex XVII : The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

Chemical Safety Assessment:

Chemical Safety Assessment : It has not been carried out.



Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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