

Otto Chemie Pvt Ltd

An ISO 9001 : 2015 & GMP Certified Company
Office : No 603, 6th Floor, Tardeo AC Market, 87, Tardeo Road,
Tardeo, Mumbai, Maharashtra 400034, India (BHARAT)
Tel : + 91 98200 41841 Email : info@ottokemi.com Web : www.ottokemi.com

Creation Date: 06-07-2026

Revision Date: 10-11-2031

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: Product identifiers

Product Name: 6-Bromo-2-chloro-8-cyclopentyl-5-methylpyrido[2,3-d]pyrimidin-7(8H)-one, 98%
Product Code: B 2609
CAS No: 1016636-76-2

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use: Industrial. For professional use only.

1.3. Details of the supplier of the safety data sheet
Company identification
OTTO CHEMIE PVT LTD
No 603, 6th Floor, Tardeo AC Market, 87, Tardeo Road,
Tardeo, Mumbai, Maharashtra 400034, India (BHARAT)

1.4. Emergency telephone number
Phone no.: + 91 98200 41841 (10 : 00 am – 06 : 00 pm)

2. HAZARDS IDENTIFICATION

GHS Classification
Not a hazardous substance or mixture.
GHS label elements
No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required
Physical and chemical hazards
Not classified based on available information.
Health hazards
Not classified based on available information.
Environmental hazards
Not classified based on available information.
Other hazards which do not result in classification
None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture
Substance
Components

Chemical name	CAS No	Concentration (% w/w)
6-Bromo-2-chloro-8-cyclopentyl-5-methylpyrido[2,3-d]pyrimidin-7(8H)-one	1016636-76-2	>= 98 - <= 100

No hazardous ingredients

4. FIRST AID MEASURES

If inhaled
Remove person to fresh air and keep comfortable for breathing.
Get medical advice/ attention if you feel unwell.
In case of skin contact
Take off all contaminated clothing immediately.
If on skin, rinse well with water.
If skin irritation or rash occurs: Get medical advice/ attention.
In case of eye contact
Rinse with plenty of water.
If easy to do, remove contact lens, if worn.
If eye irritation persists: Get medical advice/ attention.
If swallowed
Get medical advice/ attention.
Rinse mouth.
Most important symptoms and effects, both acute and delayed
None known.

DISCLAIMER

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This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product

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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Dry powder, Foam, Water spray, Carbon dioxide (CO₂)
Specific hazards during fire fighting
Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.
Specific extinguishing methods
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Immediately evacuate personnel to safe areas.
Remove undamaged containers from fire area if it is safe to do so.
Special protective equipment for fire-fighters
Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Wear suitable protective equipment.
Keep people away from and upwind of spill/leak.
Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.
Environmental precautions
Prevent product from entering drains.
Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust.

7. HANDLING AND STORAGE

Handling
Technical measures
Prevent dispersion of dust.
Local/Total ventilation
Ensure adequate ventilation. Use a local exhaust ventilation.
Advice on safe handling
Avoid contact with skin, eyes and clothing.
Wear personal protective equipment.
Wash hands and face thoroughly after handling.
Avoidance of contact
Oxidizing agents
Storage
Conditions for safe storage
Keep container tightly closed.
Store in a cool and shaded area.
Keep under inert gas.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters
Contains no substances with occupational exposure limit values.
Engineering measures
Install a closed system or local exhaust.
Also install safety shower and eye bath.
Personal protective equipment
Respiratory protection
Dust mask
Eye/face protection
Safety glasses
Face-shield
Skin and body protection
Protective suit
Hand protection
Protective gloves
Use personal protective equipment (PPE) approved under appropriate government standards and follow local and national regulations.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Powder or crystals
Color	white - yellow
Odor	No data available
Odor Threshold	No data available
pH	No data available
Melting point/freezing point	189-193 °C
Boiling point/boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability	No data available
Upper explosion limit /	No data available
Upper flammability limit	
Lower explosion limit /	No data available
Lower flammability limit	
Vapor pressure	No data available
Solubility(ies)	
Water solubility	No data available
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity, dynamic	No data available
Viscosity, kinematic	No data available
Molecular weight	342.62 g/mol

10. STABILITY AND REACTIVITY

Reactivity
No data available
Chemical stability
Stable under normal conditions.
Possibility of hazardous reactions
None under normal processing.
Conditions to avoid
Exposure to air.
Incompatible materials
Oxidizing agents
Hazardous decomposition prod-ucts
Carbon monoxide, Carbon dioxide (CO₂), Nitrogen oxides (NO_x), Hydrogen chloride gas, hydrogen bromide

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Toxicity to Animals:
Oral LD₅₀ Rat: 1500 mg/kg; Dermal LD₅₀ Rabbit: 2000mg/kg Inhalation LC₅₀ Rat: > 50mg/L.
Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified None. by NTP, None. by OSHA, None. by NIOSH.
Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of inhalation (lung irritant).
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: Not available.
Special Remarks on other Toxic Effects on Humans: Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity
No data available
Persistence and degradability
No data available
Bioaccumulative potential
No data available
Mobility in soil
No data available
Other adverse effects
No data available

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13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues
Disposal in accordance with local and national regulations.
Entrust disposal to a licensed waste disposal company.
Contaminated packaging
Disposal in accordance with local and national regulations.
Before disposal of used container, remove contents completely.

14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

UN/ID No.	Not applicable
Proper shipping name	Not applicable
Class	Not applicable
Subsidiary risk	Not applicable
Packing group	Not applicable

IMDG-Code

UN number	Not applicable
Proper shipping name	Not applicable
Class	Not applicable
Subsidiary risk	Not applicable
Packing group	Not applicable
EmS Code	Not applicable

Domestic regulation

GB 6944/12268

UN number	Not applicable
Proper shipping name	Not applicable
Class	Not applicable
Subsidiary risk	Not applicable
Packing group	Not applicable

15. REGULATORY INFORMATION

The ingredients of this product are reported in the following inventories:

TCSI	Not in compliance with the inventory
TSCA	Product contains substance(s) not listed on TSCA inventory.
AIC	Not in compliance with the inventory
DSL	This product contains the following components that are not on the Canadian DSL nor NDSL. 6-Bromo-2-chloro-8-cyclopentyl-5-methylpyrido[2,3-d]pyrimidin-7(8H)-one
ENCS	Not in compliance with the inventory
ISHL	Not in compliance with the inventory
KECI	Not in compliance with the inventory
PICCS	Not in compliance with the inventory
IECSC	Not in compliance with the inventory
NZIoC	Not in compliance with the inventory
TECI	Not in compliance with the inventory

SECTION 16: Other Information

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products.

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