1 - Identification of substance and manufacturer
Axon catalogue ID 2846
Product name N-Desmethylclozapine
IUPAC name 8-Chloro-11-(piperazin-1-yl)-5H-dibenzo[b,e][1,4]diazepine
CAS number 6104-71-8
Manufacturer’s name Axon Medchem BV
Emergency Telephone number +31 (0)50 311 8007

2 - Hazards identification
Route of entry GHS Pictogram
Symptoms of Exposure

3 - Information on ingredients
Hazardous ingredient N-6104-71-8
CAS number 6104-71-8
Concentration 99.2%
LD-50 of ingredient No data available

4 - First Aid Measures
Skin contact
Inhalation
Eye contact
Ingestion
Wash with copious amounts of water for at least 15 minutes. Remove contaminated clothing.
Rinse with copious amounts of water for at least 15 minutes as a precaution.
Transfer victim to an un-effected area and monitor breathing. If breathing becomes difficult administer oxygen. If breathing stops give artificial respiration.
Rinse mouth out with copious amounts of water, contact a physician.

5 - Fire Fighting Measures
Fire fighting instructions
Protection of hands/skin
Protection of eyes
Protection of respiratory system
Extinguishing media appropriate to the surrounding fire conditions. Wear protective clothing to prevent contact with skin, eyes, and respiratory system.
Appropriate safety glasses
Handle in fume hood.

6 - Accidental Release Measures
Leak and spill procedures
Store in a properly sealed container under the storage conditions indicated on the label.

7 - Handling and Storage
Handling procedures and equipment

8 - Exposure Control / Personal Protection
Exposure limits
Protection of hands/skin
Chemical resistant gloves and lab coat
Protection of eyes
Appropriate safety glasses
Protection of respiratory system
Handle in fume hood. Prevent inhalation.

9 - Physical and chemical properties
Batch molecular formula C17H17CN4.0.5H2O
Appearance Yellow solid
Melting point 123 °C

10 - Stability and reactivity
Stability
Reactivity
Reaction conditions and materials to avoid
May emit toxic gasses like carbon monoxide (CO), carbon dioxide (CO2), hydrochloric acid (HCl), nitrogen oxide upon thermal decomposition.
May emit toxic gasses like carbon monoxide (CO), carbon dioxide (CO2), hydrochloric acid (HCl), nitrogen oxide upon thermal decomposition.
Protect from light and heat. Avoid strong oxidizing agents.

11 - Toxicological information
Toxicity
Carcinogenicity
Mutagenicity
Teratogenicity
No data available
No data available
No data available
No data available

12 - Ecological information
Treat as potentially toxic. Runoff from fire control or dilution with water may cause pollution.

13 - Disposal considerations
Treat as potentially toxic. Dispose in accordance with local, state, and federal regulations.

14 - Transport Information
(US) DOT shipping name
IATA class
Applicable HS class
Transportation (Land/Sea/Air)
No data available
No data available
2942.00.0000
Non-hazardous

15 - Regulatory information
Hazardous ingredient N-
CAS number 6104-71-8

16 - Other information
The above information is believed to be accurate and represents the best information currently available to us, but does not purport to be complete. The absence of warning must not, under any circumstance, be taken to mean that no hazard exists.
For research use only by trained personnel.
CAUTION: SUBSTANCE NOT FULLY TESTED