

1: Identification of substance / mixture

1. Product Identifier

Substance

Product Name **CYCLOHEXIMIDE**
Product Code C81040
CAS Number 66-81-9
Other Names C81040
IUPAC
MFCD Number
EC/EINECS 200-636-0
REACH Number

Index-No

2. Relevant identified uses of the substance or mixture and uses advised against

Laboratory Research and Development

3. Details of the supplier of the safety data sheet

Melford Laboratories Ltd
Bildeston Road, Chelsworth
Ipswich
Suffolk
IP77LE
UK

Telephone: 01449 741178
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4. Emergency telephone number

+44(0)1449 741178 -

2. Hazards Identification

1. Classification of the substance or mixture

H300	Acute Tox. 2	
H315	Skin Irrit. 2	
H319	Eye Irrit. 2	
H335	STOT SE 3	
H341	Muta. 2	
H360	Repr. 1A	
H411	Aquatic Chronic 2	

2. Label elements

Signal Word **Danger**



Hazard Statements

H300	Fatal if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects ..
H360	May damage fertility or the unborn child ..
H411	Toxic to aquatic life with long lasting effects.

Precautionary Phrases

P201	Obtain special instructions before use.
P264	Wash hands and exposed skin thoroughly after handling.
P273	Avoid release to the environment.

P281	Use personal protective equipment as required.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P308 + P313	IF exposed or concerned: Get medical advice/attention.

3. Other Hazards

Additional precautionary phrases are located throughout the safety data sheet

3. Composition / Information on Ingredients

1. Substances

Product Name	Hazards	Concentration
CYCLOHEXIMIDE		
CAS Number: 66-81-9 EC/EINECS: 200-636-0	H300, H315, H319, H335, H341, H360, H411 Acute Tox. 2, Aquatic Chronic 2, Eye Irrit. 2, Muta. 2, Repr. 1A, Skin Irrit. 2, STOT SE 3	<=100%

4. First Aid Measures

1. Description of first aid measures

<i>Skin Contact</i>	Wash immediately with plenty of soap and water. Take victim immediately to hospital
<i>Eye Contact</i>	Bathe the eye with running water for 15 minutes. Consult a doctor.
<i>Ingestion</i>	P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Wash out mouth with water. Consult a doctor.
<i>Inhalation</i>	Move to fresh air in case of accidental inhalation. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

2. Most important symptoms and effects

P308 + P313: IF exposed or concerned: Get medical advice/attention.
The most important known symptoms and effects are described in section 11

3. Indication of any immediate medical attention

No data available
Notes to Physician Treat symptomatically

5. Firefighting measures

1. Extinguishing Media

<i>Suitable</i>	Water spray. Alcohol resistant foam. Dry chemical powder. Carbon dioxide.
<i>Unsuitable</i>	No data available

2. Special Hazards arising from the substance or mixture

In combustion toxic fumes may form:
Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO2)

3. Advice for Fire Fighters

Wear self-contained breathing apparatus.
Wear protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

1. Personal Precautions

Refer to section 8 of SDS for personal protection details.
Do not attempt to take action without suitable protective clothing – see section 8 of SDS.
Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

2. Environmental Precautions

Do not discharge into drains or rivers.

3. Methods & Materials

Transfer to a closable, labelled salvage container for disposal by an appropriate method.
Prevent further leakage or spillage if safe to do so.

4. Preventing the occurrence of secondary hazards.

Ensure thorough clean up of initial spillage
Clean up all spills immediately. Wear suitable PPE.

7. Handling and Storage

1. Personal Precautions

Safe Handling Ensure there is exhaust ventilation of the area.
Use in a chemical fumehood.
Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Avoid exposure -obtain special instructions before use.P201: Obtain special instructions before use.
P264: Wash hands and exposed skin thoroughly after handling.
P273: Avoid release to the environment.

Protection against explosions and fires Normal measures for preventive fire protection.

2. Conditions for safe storage, including any incompatibilities

Managing Storage Risks Store in cool, well ventilated area.

Storage Controls Recommended storage temperature 2-8 °C

Maintaining Integrity No special requirements

Other advice No further information available.

3. Specific End Uses

The end use(s) have not been fully determined. The substance is supplied for Research and Development purposes by professionals only.

8. Exposure Controls/Personal Protection

1. Control Parameters

No Data Available

2. Exposure Controls

<i>General protective and hygiene measures</i>	P281: Use personal protective equipment as required. The standard precautionary measures should be adhered to when handling Wash hands during breaks and at the end of handling the material
<i>Engineering measures</i>	Ensure there is exhaust ventilation of the area. Use in a chemical fumehood.
<i>Eye / Face Protection</i>	Safety Glasses with side-shields. Face-shield. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)
<i>Hand protection</i>	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it
<i>Respiratory protection</i>	Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
<i>Skin protection</i>	Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
<i>Other personal protection advice</i>	No data available

9. Physical and Chemical Properties

1. Physical and Chemical Properties

Appearance	Powder
Odour	No Data Available
Odour threshold	No Data Available
PH	No Data Available
Melting point / Freezing point	No Data Available
Initial boiling point and boiling range	No Data Available
Flash point	No Data Available
Evaporation rate	No Data Available
Flammability(solid,gas)	No Data Available
Upper/lower flammability or explosive limits	No Data Available
Vapour pressure	No Data Available
Vapour density	No Data Available
Relative density	No Data Available
Solubility(ies):	No Data Available
Partition coefficient: n-octanol/water	No Data Available
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
Viscosity	No Data Available
Explosive properties	No Data Available
Oxidising properties	No Data Available

2. Other Information

No additional information available

10. Stability and Reactivity

1. Reactivity

No data available

2. Stability

Stable under recommended storage conditions.

3. Possibility of Hazardous Reactions

No data available

4. Conditions to Avoid

No data available

5. Incompatible Materials

Strong oxidizing agents.

6. Hazardous Decomposition Products

In combustion emits toxic fumes:
Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO₂),

11. Toxicology information

1. Information

<i>Acute Toxicity</i>	LD50 Oral-Rat-2 mg/kg
<i>Skin corrosion/irritation</i>	No data available
<i>Serious eye Damage/irritation</i>	No data available
<i>Respiratory or skin sensitisation</i>	Repeated exposure may cause sensitization in sensitive individuals.
<i>Germ Cell mutagenicity</i>	In vitro tests showed mutagenic effects. Laboratory experiments have shown mutagenic effects.
<i>Carcinogenicity</i>	No data available
<i>Reproductive toxicity</i>	May cause congenital malformation in the foetus. Presumed human reproductive toxicant
<i>STOT-single exposure</i>	No information available
<i>STOT-repeated exposure</i>	No information available
<i>Aspiration hazard</i>	No information available

2. Additional

RTECS: MA4375000
To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.
Liver-Irregularities-Based on Human Evidence
Inhalation - May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion - May be fatal if swallowed.
Skin - May be harmful if absorbed through skin. May cause irritation.

12. Ecological Information

1. Toxicity

No data available

2. Persistence and degradability

No data available

3. Bio-Accumulative Potential

No data available

4. Mobility and Soil

No data available

5. Results of PBT & vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

6. Other adverse effects

No data available

13. Disposal Considerations


1. Waste Treatment Methods

Disposal Operations Hand over to authorised disposal company as hazardous waste.


Disposal of Packaging Disposal must be made according to official regulations.
Dispose of as unused product.

14. Transport Information


Air (ICAO)

1. **UN Number:** 2811
 2. **Shipping Name:** Toxic solid, organic, n.o.s.
 3. **Transport hazard class(es):** : 6.1 Sub Class :
- 
4. **Packing group:** I
 5. **Environmental hazards:**
 6. **Special Precautions for user:**
 7. **Transport in bulk:**

Road (ADR)

1. **UN Number:** 2811
 2. **Shipping Name:** TOXIC SOLID, ORGANIC, N.O.S (CYCLOHEXIMIDE).
 3. **Transport hazard class(es):** : 6 Sub Class :
- 
4. **Packing group:** I
 5. **Environmental hazards:**
 6. **Special Precautions for user:**
 7. **Transport in bulk:**

Sea (IMDG)

1. **UN Number:** 2811
 2. **Shipping Name:** Toxic solid, organic, n.o.s.
 3. **Transport hazard class(es):** : 6.1 Sub Class :
- 
4. **Packing group:** I
 5. **Environmental hazards:**
 6. **Special Precautions for user:**

7. **Transport in bulk:** IBCINS: IBC99

TANKPROV: TP33

15. Safety, health, environmental and national regulations

1. Safety, health, environmental and national regulations:

Product is not subject to any additional regulations or provisions.

2. Safety Assessment

No Chemical Safety Assessment

16. Other Information

1. Other Information:

This safety data sheet complies to the requirements of Regulation (EC) No. 1907/2006

ADR: Accord Europeen sur le transport des marchandises Dangereuses par Route(European Agreement concerning the International Carriage of Dangerous Goods by road)

RID:Reglement International concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the International Air Transport Association

ICAO:International Civil Aviation Organization

ICAO-TI: Technical Instructions by the ICAO

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS:Chemical Abstracts Service

3. Disclaimer

The product listed is for research and development purposes only and not for human or animal use. As such, in most cases, the toxicological, ecological and physicochemical properties have not been fully determined and the product should be treated with respect and always handled under suitable conditions by appropriately qualified personnel. The responsible party shall use this datasheet only in conjunction with other sources of information gathered by them, and should make an independent judgement of suitability, to ensure proper use and protect the health and safety of employees. This information is furnished without warranty and any use of the product not in conformance with this material safety data sheet, or in combination with any other product or process, is the responsibility of the user.

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication.

The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process unless specified in the text