

Ketonic Resin 100

According to EC Directive 91/155/EEC

1. Identification

Product: Ketonic Resin 100

Product Name(s): Ketonic Resin 100

Manufacturer/Supplier Identification

Manufacturer/Supplier: Formula Chemicals Co., Ltd.

Emergency telephone number: +886-922582639; +886-2-26685339

2. Hazards Identification

Classification of the substance or mixture

NFPA 704 diamond



Note: The hazard category numbers found in GHS classification in section 2 of this MSDSs are NOT to be used to fill in the NFPA 704 diamond.

Blue = Health

Red = Fire

Yellow = Reactivity

White = Special (Oxidizer or water reactive substances)

Classification	Eye Irritation Category 2A, Skin Corrosion/Irritation Category 2
----------------	--

Label Elements

GHS Label Elements	
Signal word	Warning

Hazard Statement(s)

H319	Causes serious eye irritation
H315	Causes skin irritation
H402	Harmful to aquatic life

3. Composition / Information on Ingredients

CAS #	Content (W/W)	Chemical Name
108-94-1	60.0%	Cyclohexanone
50-00-0	40.0%	Formaldehyde

4. Emergency and First Aid Procedure

If inhaled: Remove to fresh air and summon medical help if respiratory irritation develops or if breathing becomes difficult.

On skin contact: Wash with soap and rinse with water for several minutes. Get medical attention immediately if irritation occurs.

On contact with eyes: Immediately wash affected eyes for at least 3 minutes under pure running water with eyelids held open. Get medical attention immediately if irritation occurs.

If swallowed: Wash mouth with water and then drink plenty of water, and summon physician. Do not induce vomiting, if vomiting occur should spontaneously keep airway leak. Also seek medical attention. Do not give anything by mouth to an unconscious or convulsing person.

5. Firefighting Measures

Suitable extinguishing media: foam, water spray, carbon dioxide, dry chemicals

Unsuitable extinguishing media: none to our knowledge

Fire fighting procedures: Burning will produce some gas. Fire fighters should wear proper protective equipment, Keep person removed from and upwind to fire Unusual fire and explosion hazards: If dusts develop, explosive dust and air mixtures may form.

Exposure hazards: Slight skin irritation. Inhalation of dust may cause respiratory tract irritation. If inhaled, get medical attention..

6. Accidental Release Measures

Precaution with respect to individuals: Wear appropriate personal protective equipment, including suitable gloves, protective glasses. Use NIOSH approved dust mask, if required.

Precaution with respect to environments: Avoid discharge into the environment. If spilled, stop leaks as soon as possible. Wipe up or absorb on suitable material and shovel up.

Cleaning up spillage: Collect and store spillages in a suitable container. Prevent entry into sewers and waterways.

7. Handling and Storage

Handling precautions: In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Avoid continuous or repetitive breathing of dust. Keep away from heat, sources of ignition or strong oxidizing materials. Prevent from building-up of electrostatic charges.

Shipping and storing precautions: Keep container tightly closed when not in use and during transport. Keep away from sunlight. Keep container in well-ventilated and cool place. Avoid continuous staying over than 60°C.

ALWAYS GROUND THE PACKAGING BEFORE EMPTYING.

8. Exposure/ Protection method

Control parameters

Engineering controls: Use adequate ventilation to keep airborne concentration low.

Protective equipment:

Eye protection : Safety goggle is recommended.

Skin protection : Glove and lab coat is recommended.

Body protection : Wear clean body-covering clothing

Respiratory protection : Suitable mask is recommended where dust arises from operation.

Industrial hygiene: When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Wash hands before break and at the end of workday.

9. Physical and Chemical Data

Appearance	: Star bright granule
Odor	: Odorless
Color (Gardner scale)	: 1 - 2
Melting range	: 90°C to 120°C
Boiling point	:The product is non-volatile solid
Flash point	: 150°C
Flammability	: Not flammable
Vapor pressure	: The value has not be determined due to high melting
Density	: 1.16 g/cm³

10. Stability and Reactivity

Stability: May be ignited by heat, sparks or flame.

Condition avoid: Avoid continuous staying over than 100°C.

Material to avoid: None..

11. Toxicological Data:

Non-Toxic

LD 50 oral rat >1800mg

12. Ecological Information

Toxicity

Biodegradability: Non biodegradable

Bioaccumulation: No data available

Fish toxicity: No data available

Collect and remove to disposal container without creating a dust condition. Follow all relevant federal, states, local laws and regulations.

13. Disposal Considerations

Waste treatment methods

Incinerate in a chemical incinerator equipped with an afterburner and scrubber.

Obey relevant local, states and federal laws and regulations. Do not contaminate any sewers waterways, lakes, ponds, streams, rivers or underground water suppliers etc.

14. Transport Data

UN number : N/A

ADR/RID : Not classified as dangerous good under transport regulations

IMDG : Not classified as dangerous good under transport regulations

IATA : Not classified as dangerous good under transport regulations

15. Regulatory Information

TSCA status: All components of this product are listed, or excluded from listing, on the United

States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.
California Proposition 65 Information: None reported

16. Other Information

Shelf life: 1 year minimum in sealed bags protected from light and air.

This data sheet was prepared in accordance with Directive 91/155/EEC. MSDS Prepared by: Formula Chemicals Documentation Department. MSDS Version / Prepared or Revised on: Version 1.0 2019/10/30

The information presented has been compiled from sources considered to be dependable and is accurate to the best of Formula Chemicals' knowledge; however, Formula Chemicals makes no warranty regarding the accuracy of such data or the results to be obtained from use.

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.