

Material Safety Data Sheet

KEYCURE POL-8150

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name : Benzene, (1-methylethenyl)-, homopolymer, ar-(2-hydroxy-2-methyl-1-oxopropyl) derivs.

CAS number : 163702-01-0

EINECS number : 402-990-3

Product code : KEYCURE POL-8150

Use / description of product :

Company name : UV Chem-Keys Co., Ltd
RM-304, Tongsheng Mansion, No 458, Fushan Road, Pudong district, Shanghai, China
Tel: 86 21 58785816
Fax: 86 21 38680173

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name : Benzene, (1-methylethenyl)-, homopolymer, ar-(2-hydroxy-2-methyl-1-oxopropyl) derivs.

CAS-No. : 163702-01-0

EINECS-No. / ELINCS No. : 402-990-3

Concentration [%] : <= 100

3. HAZARDS IDENTIFICATION

Classification of the substance or mixture : Classification (REGULATION (EC) No 1272/2008)
Reproductive toxicity, Category 2
H361: Suspected of damaging fertility or the unborn child.
Classification (67/548/EEC, 1999/45/EC)
Harmful
R62: Possible risk of impaired fertility.

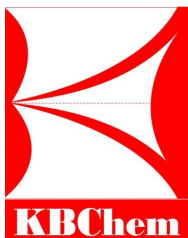
Label elements : Labelling (REGULATION (EC) No 1272/2008)
SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

Hazard pictograms ::



Signal word : Warning

Hazard statements : H361 Suspected of damaging fertility or the unborn child if inhaled.



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Precautionary statements	:	P281	Use personal protective equipment as required.
		P201	Obtain special instructions before use.
		P202	Do not handle until all safety precautions have been read and understood.
		P308 + P313	IF exposed or concerned: Get medical advice/ Attention.
		P405	Store locked up.
		P501	Dispose of contents/ container to an approved waste disposal plant.

4. FIRST AID MEASURES (ACTION)

Description of first aid measures

- General advice** : Take off all contaminated clothing immediately.
- If inhaled** : Oxygen or artificial respiration if needed.
- In case of skin contact** : Wash off immediately with soap and plenty of water.
If skin irritation persists, call a physician.
- In case of eye contact** : Rinse thoroughly with plenty of water, also under the eyelids.
If symptoms persist, call a physician.
- If swallowed** : Obtain medical attention.

Most important symptoms and effects, both acute and delayed.

Indication of any immediate medical attention and special treatment needed.

5. FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable extinguishing media** : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Water spray jet

Special hazards arising from the substance or mixture

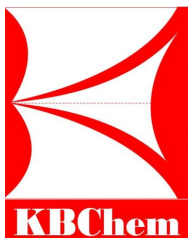
- Specific hazards during firefighting** : Irritant, caustic, flammable, noxious/toxic gases and vapours can develop in the case of fire and decomposition

Advice for firefighters

- Special protective equipment for firefighters** : Wear suitable respiratory protection equipment

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Evacuate personnel to safe areas



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- Environmental precautions** : Try to prevent the material from entering drains or water courses.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods for cleaning up** : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

- Advice on safe handling** : Ensure good ventilation at machinery
Keep container tightly closed.
- Advice on protection against fire and explosion** : An environment Self-contained breathing equipment is needed.

Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers** : Keep containers tightly closed in a dry, cool and wellventilated place.
- Advice on common storage** : No special precautions required

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Control parameters** : Contains no substances with occupational exposure limit values

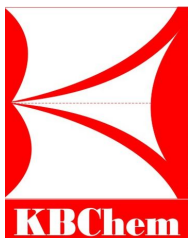
Exposure controls

Engineering measures

Effective exhaust ventilation system

Personal protective equipment

- Respiratory protection** : In case of inadequate ventilation wear respiratory protection.
Breathing apparatus with filter.
ABEK-filter
- Hand protection** : The selection of a suitable glove depends not only on the material but also on further marks of quality and varies from manufacturer to manufacturer.
The exact break through time can be obtained from the protective glove producer and this has to be observed.
The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye protection** : Tightly fitting safety goggles
- Skin protection** : Wear suitable protective clothing



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Protective measures : Keep away from food, drink and animal feedingstuffs.
Wash thoroughly after handling.
Avoid contact with eyes

Environmental exposure controls

General advice : Try to prevent the material from entering drains or water courses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance : Liquid
Colour : dark yellow
Odour : characteristic
Flash point : 110 °C
Lower explosion limit : not explosive
Boiling point/boiling range : > 300 °C
Vapour pressure : 0,002 hPa
Density : 1,12 g/cm³ at 20 °C
Water solubility : soluble

10. STABILITY AND REACTIVITY

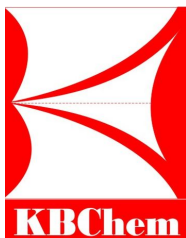
Stability : No decomposition if stored and applied as directed
Conditions to avoid : no data available
Materials to avoid : Strong acids and oxidizing agents
Haz. decomp. products : No dangerous reaction known under conditions of normal use.

11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD50 Oral: > 2.000 mg/kg Species: rat
LD50: > 2.000 mg/kg Species: rat Target Organs: Skin
Skin irritation : Result: No skin irritation
Method: OECD Test Guideline 404
Eye irritation : Species: rabbit
Method: OECD Test Guideline 405
slight irritation
Sensitisation : No sensitization reactions (OECD TG 406)

12. ECOLOGICAL INFORMATION

Biodegradability : Result: not rapidly biodegradable
Method: OECD Test Guideline 301



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Bioaccumulation	:	no data available
Mobility	:	no data available
Results of PBT and vPvB assessment	:	This substance is not considered to be very persistent nor very bioaccumulating (vPvB).
Other adverse effects	:	The product should not be allowed to enter drains, water courses or the soil.

13. DISPOSAL CONSIDERATIONS

Product	:	Disposal must be made according to official legislations
Contaminated packaging	:	Disposal must be made in according to official regulations

14. Transport information

ADR / RID	:	NOT DANGEROUS GOODS
IMDG / IMO	:	NOT DANGEROUS GOODS
IATA/ICAO	:	NOT DANGEROUS GOODS
RID	:	NOT DANGEROUS GOODS

15. REGULATORY INFORMATION

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

Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out

16. Other information

Legal disclaimer	:	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.
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