

DALIAN HEFU TRADING CO.,LTD.

Revision date: 09/29/2011

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product name: 3-Glycidyloxypropyl(dimethoxy)methylsilane

Product code: G0261

Company: DALIAN HEFU TREADING CO.,LTD.

Address: ROOM 1003 YIHUA BUILDING, NO. 215 HUANGHAI

XISI ROAD, DALIAN F.T.Z. LIAONING PROVINCE CHINA

Responsible Department: Sales Department

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Revision number: 2

2. HAZARDS IDENTIFICATION

Classification of the GHS

PHYSICAL HAZARDS Not classified

HEALTH HAZARDS

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2A

ENVIRONMENTAL HAZARDS Not classified

GHS label elements

Pictograms or hazard symbols

Signal word Warning

Hazard statement Causes skin irritation.

Causes serious eye irritation

Precautionary statements

[Prevention] Wash hands thoroughly after handling.

Wear protective gloves/eye protection/face protection.

[Response] IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Gently wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture: Substance

Synonyms: 3-[Dimethoxy(methyl)silyl]propyl Glycidyl Ether

Chemical Formula: C₉H₂₀O₄Si

4. FIRST AID MEASURES

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Get medical advice/attention if you feel unwell.

>96.0%(GC)

Page 1 of 4

CAS Number: 65799-47-5

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Component(s): 3-Glycidyloxypropyl(dimethoxy)methylsilane

Percent:

3-Glycidyloxypropyl(dimethoxy)methylsilane

4. FIRST AID MEASURES

Skin contact: Remove/Take off immediately all contaminated clothing. Gently wash with plenty of

soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical

advice/attention.

Ingestion: Get medical advice/attention if you feel unwell. Rinse mouth.

Protection of first-aiders: A rescuer should wear personal protective equipment, such as rubber gloves and airtight goggles.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing

media:

Dry chemical, foam, water spray, carbon dioxide.

Extinguishing media not to

be used:

Solid streams of water

Specific hazards: Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.

Specific methods: Fire-extinguishing work is done from the windward and the suitable fire-extinguishing

method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.

Special protective equipment for firefighters:

When extinguishing fire, be sure to wear personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Keep people away from and upwind of spill/leak.

Ensure adequate ventilation. 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:

Absorb spilled material in a suitable absorbent (e.g. rag, dry sand, earth, saw-dust).

In case of large amount of spillage, contain a spill by bunding. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. HANDLING AND STORAGE

Handling

Technical measures: Handling is performed in a well ventilated place. Wear suitable protective equipment.

Prevent generation of vapor or mist. Wash hands and face thoroughly after handling.

Use a ventilation, local exhaust if vapor or aerosol will be generated.

Advice on safe handling: Avoid contact with skin, eyes and clothing.

Storage

Storage conditions: Keep container tightly closed. Store in a cool and dark place.

Store under inert gas.

Protect from moisture.

Store away from incompatible materials such as oxidizing agents.

Packaging material: Law is followed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Install a closed system or local exhaust as possible so that workers should not be

exposed directly. Also install safety shower and eye bath.

Personal protective equipment

Respiratory protection: Vapor respirator. Follow local and national regulations.

Hand protection: Protective gloves.

Eye protection: Safety glasses. A face-shield, if the situation requires.

Skin and body protection: Protective clothing. Protective boots, if the situation requires.

3-Glycidyloxypropyl(dimethoxy)methylsilane TCI (Shanghai) DEVELOPMENT CO., LTD. Revision number: 2 Revision date: 09/29/2011 Page 2 of 4

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state (20°C): Liquid

Form: clear

Color: Colorless - Slightly pale yellow

Odor: Pungent

pH: No data available

Melting point/freezing point: No data available

Boiling Point/Range: 100°C/0.5kPa

Flash Point: 132°C

Explosive limits

Lower: No data available

Upper: No data available

Density: 1.02

Solubility: No data available

10. STABILITY AND REACTIVITY

Stability: Stable under proper conditions.

Reactivity: No special reactivity has been reported.

Conditions to avoid: Moisture-sensitive

Incompatible materials: oxidizing agents, strong acids, strong bases

Hazardous Decomposition

Products:

Carbon monoxide, Carbon dioxide, Silicon oxides

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye

damage/irritation:

No data available

Germ cell mutagenicity: No data available

Carcinogenicity:

IARC = No data available

NTP = No data available

Reproductive toxicity: No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Fish: No data available

Crustacea: No data available

Algae: No data available

Persistence / degradability: No data available

Bioaccumulative

potential(BCF):

No data available

Mobility in soil

log Pow: No data available

Soil adsorption (Koc): No data available

Henry's Law

constant(PaM³/mol):

No data available

13. DISPOSAL CONSIDERATIONS

Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in

a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

14. TRANSPORT INFORMATION

Hazards Class: Does not correspond to the classification standard of the United Nations

UN-No: Not Listed

3-Glycidyoxypropyl(dimethoxy)methylsilane TCI (Shanghai) DEVELOPMENT CO., LTD. Revision number: 2 Revision date: 09/29/2011 Page 3 of 4

15. REGULATORY INFORMATION

Safe management ordinance of dangerous chemical product (State Council announces on January 26,

2002): Safe use and production, the storage of a dangerous chemical, transport, loading and unloading were prescribed.

16. OTHER INFORMATION

The reference company name of written contents

Company: DALIAN HEFU TRADING CO.,LTD.

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This MSDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data

contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws

and regulations of the organization, area and country where the products are to be used, which shall be given the first priority.products are supposed to

be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be

used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In

case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be

treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or

the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience

or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's

own responsibility.

3-Glycidyoxypropyl(dimethoxy)methylsilane TCI (Shanghai) DEVELOPMENT CO., LTD. Revision number: 2 Revision date: 09/29/2011 Page 4 of 4