

SAFETY DATA SHEET

Number: 16-1-005-(1)-E

Date prepared: 2015 Nov 18

Date revised: 2016 Mar 11

1. Chemical Product and Company Identification

Product code: -

Product name: G-CEM LinkForce Try-in Paste

Manufacturer/Supplier:

GC Corporation, 76-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan

Postal code 174-8585, Phone 81-3-3965-1388

2. Hazards Identification**GHS label elements, including precautionary statements****Pictograms or hazard symbols** None**Signal word** Warning**Hazard statements:** Causes mild skin irritation

Causes eye irritation

Precautionary statements:**[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.

Wash hands thoroughly after handling.

If skin irritation occurs: Get medical advice/attention.

3. Composition / Information on Ingredients

Glycerin	85-95%
Silica fine particle	1-10%
Pigment	Trace

4. First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes. If symptoms persist, get medical attention.

Skin: Immediately wash with water and soap and rinse thoroughly. Get medical attention, if irritation develops.

Ingestion: If symptoms persist, get medical attention.

Inhalation: Supply fresh air and get medical attention if symptoms persist.

5. Fire Fighting Measures (referring to Glycerin)**5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

6. Accidental Release Measures

Eliminate source of ignition. Wear protective equipment and keep unprotected persons away.

Do not allow product to reach sewage system or any watercourse. Prevent seepage into sewage system, workpits and cellars.

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Inform respective authorities in case of seepage into watercourse or sewage system.

Measures for environmental protection: Do not flush to sewer.

Measures for cleaning/collections: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust), and place in a chemical waste container. Ensure adequate ventilation.

7. Handling and Storage

Handling:

Keep Ignition sources away - Do not smoke.

Ensure good ventilation/exhaustion at workplace.

Storage:

Store in cool, dry conditions in well sealed receptacles. Keep receptacle tightly sealed.

8. Exposure Controls, Personal Protection

Respiratory Protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Skin Protection: Protective gloves.

Eye Protection: Tightly sealed goggles.

Exposure Guideline(s): Not determined

Engineering Controls: Ensure adequate and local ventilation.

9. Physical and Chemical Properties (referring to Glycerin)

a) Appearance Form: liquid

b) Odour odorless

c) Odour Threshold No data available

d) pH 5.5 - 8

e) Melting point/freezing point

Melting point/range: 20 °C

f) Initial boiling point and boiling range

182 °C at 27 hPa

g) Flash point 160 °C - closed cup

h) Evaporation rate No data available

i) Flammability (solid, gas) No data available

j) Upper/lower flammability or explosive limits

Upper explosion limit: 19 %(V) at 1013 hPa

Lower explosion limit: 2.7 %(V) at 1013 hPa

k) Vapour pressure 0.0033 hPa at 50 °C

l) Vapour density 3.18 - (Air = 1.0)

m) Relative density 1.25 g/mL

10. Stability and Reactivity (referring to Glycerin)

Chemical stability: Stable under proper conditions.

Possibility of hazardous reactions: No special reactivity has been reported.

Incompatible materials: Oxidizing agents

Hazardous decomposition products: Carbon monoxide, Carbon dioxide

11. Toxicological Information (referring to Glycerin)

Acute Toxicity: ihl-rat LC50:>570 mg/m³/1H

ipr-rat LD50:4420 mg/kg

orl-rat LD50:12600 mg/kg

skn-rbt LD50:>10 g/kg

Skin corrosion/irritation: skn-rbt 500 mg/24H MLD

Serious eye damage/irritation: eye-rbt 500 mg/24H MLD

Germ cell mutagenicity: cyt-rat-orl 1 g/kg

dni-hmn-lym 200 mmol/L

Carcinogenicity:

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IARC = No data available

NTP = No data available

Reproductive toxicity: No data available

RTECS Number: MA8050000

12. Ecological Information

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. Disposal Considerations

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to the local official regulations.

14. Transport Information

IMO Regulations (IMDG):

UN Number: Not determined

15. Regulatory Information

JAPANESE REGULATORY INFORMATION

Fire Defense Law: Class-4 No.3 petroleums Dangerous grade 3 Water-soluble fluid

ENCS: Substance excepted from notification

16. Other Information

No special information available.

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