

Safety Data Sheet according to GHS

Printing date 23.11.2022

Revision: 22.08.2022

1 Identification

- **Product identifier**
- **Trade name:** GI PAINT AND VARNISH REMOVER
- **Article number:** CWCCHO-00026
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Treasure Island Industrial Corp.
No.2, 3rd Ave. S. Osmena Blvd.
North Reclamation Area
Cebu City 6000
PHILIPPINES
doo@treasureisland.com.ph
- **Further information obtainable from:** Product safety department
- **Emergency telephone number:** During normal opening times: +63 32 232 05 13

* 2 Hazard identification

- **Classification of the substance or mixture**



Flam. Liq. 2 H225 Highly flammable liquid and vapour.



Carc. 1B H350 May cause cancer.

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

STOT SE 1 H370 Causes damage to the central nervous system and the visual organs.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



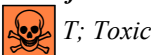
Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

Acute Tox. 5 H303 May be harmful if swallowed.

CWCCHO-00025

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



R23/24/25-39/23/24/25: Toxic by inhalation, in contact with skin and if swallowed. Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

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Xn; Harmful

R40-48/20-63-65:

Limited evidence of a carcinogenic effect. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child. Harmful: may cause lung damage if swallowed.



F; Highly flammable

R11:

Highly flammable.

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

· **Label elements**

· **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· **Code letter and hazard designation of product:**



T Toxic

F Highly flammable

· **Hazard-determining components of labelling:**

Methanol

dichloromethane

Methylbenzene

· **Risk phrases:**

11 Highly flammable.

23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

40 Limited evidence of a carcinogenic effect.

48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

63 Possible risk of harm to the unborn child.

65 Harmful: may cause lung damage if swallowed.

· **Safety phrases:**

1/2 Keep locked up and out of the reach of children.

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

63 In case of accident by inhalation: remove casualty to fresh air and keep at rest.

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

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4 First-aid measures

· **Description of first aid measures**

· **General information:**

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Remove breathing equipment only after contaminated clothing have been completely removed.

In case of irregular breathing or respiratory arrest provide artificial respiration.

· **After inhalation:**

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:** Do not induce vomiting; call for medical help immediately.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· **Special hazards arising from the substance or mixture** No further relevant information available.

· **Advice for firefighters**

· **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

· **Environmental precautions:**

Do not allow product to reach sewage system or any water course.

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

Do not allow to enter sewers/ surface or ground water.

· **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

· **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
 Ensure good ventilation/exhaustion at the workplace.
 Open and handle receptacle with care.
 Prevent formation of aerosols.
- **Information about fire - and explosion protection:**
 Keep ignition sources away - Do not smoke.
 Protect against electrostatic charges.
 Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
 Keep container tightly sealed.
 Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls / personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**

| | |
|--|--|
| Ingredients with limit values that require monitoring at the workplace: | |
|--|--|

| | |
|-------------------------------------|--|
| CAS: 75-09-2 dichloromethane | |
|-------------------------------------|--|

| | |
|------------------|--|
| <i>PEL (USA)</i> | Short-term value: 125 ppm Long-term value: 25 ppm see 29 CFR 1910.1052 |
|------------------|--|

| | |
|------------------|-------------------------|
| <i>REL (USA)</i> | See Pocket Guide App. A |
|------------------|-------------------------|

| | |
|------------------|------------------------------------|
| <i>TLV (USA)</i> | Long-term value: 50 ppm BEI, A3 |
|------------------|------------------------------------|

| | |
|------------------------------|--|
| CAS: 67-56-1 Methanol | |
|------------------------------|--|

| | |
|------------------|--|
| <i>PEL (USA)</i> | Long-term value: 260 mg/m ³ , 200 ppm |
|------------------|--|

| | |
|------------------|---|
| <i>REL (USA)</i> | Short-term value: 325 mg/m ³ , 250 ppm Long-term value: 260 mg/m ³ , 200 ppm Skin |
|------------------|---|

| | |
|------------------|--|
| <i>TLV (USA)</i> | Short-term value: 250 ppm Long-term value: 200 ppm Skin; BEI |
|------------------|--|

| | |
|------------------------------------|--|
| CAS: 108-88-3 Methylbenzene | |
|------------------------------------|--|

| | |
|------------------|---|
| <i>PEL (USA)</i> | Long-term value: 200 ppm Ceiling limit: 300; 500* ppm *10-min peak per 8-hr shift |
|------------------|---|

| | |
|------------------|---|
| <i>REL (USA)</i> | Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm |
|------------------|---|

| | |
|------------------|---|
| <i>TLV (USA)</i> | Long-term value: 20 ppm BEI, OTO, A4 |
|------------------|---|

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CAS: 67-64-1 propanone

| | |
|------------------|--|
| <i>PEL (USA)</i> | Long-term value: 2400 mg/m ³ , 1000 ppm |
| <i>REL (USA)</i> | Long-term value: 590 mg/m ³ , 250 ppm |
| <i>TLV (USA)</i> | Short-term value: 500 ppm |
| | Long-term value: 250 ppm |
| | A4, BEI |

CAS: 7664-41-7 Ammonia

| | |
|------------------|---|
| <i>PEL (USA)</i> | Long-term value: 35 mg/m ³ , 50 ppm |
| <i>REL (USA)</i> | Short-term value: 27 mg/m ³ , 35 ppm |
| | Long-term value: 18 mg/m ³ , 25 ppm |
| <i>TLV (USA)</i> | Short-term value: 35 ppm |
| | Long-term value: 25 ppm |

Ingredients with biological limit values:
CAS: 75-09-2 dichloromethane

| | |
|------------------|--|
| <i>BEI (USA)</i> | 0.3 mg/L |
| | Medium: urine |
| | Time: end of shift |
| | Parameter: Dichloromethane (semi-quantitative) |

CAS: 67-56-1 Methanol

| | |
|------------------|---|
| <i>BEI (USA)</i> | 15 mg/L |
| | Medium: urine |
| | Time: end of shift |
| | Parameter: Methanol (background, nonspecific) |

CAS: 108-88-3 Methylbenzene

| | |
|------------------|--|
| <i>BEI (USA)</i> | 0.02 mg/L |
| | Medium: blood |
| | Time: prior to last shift of workweek |
| | Parameter: Toluene |
| | |
| | 0.03 mg/L |
| | Medium: urine |
| | Time: end of shift |
| | Parameter: Toluene |
| | |
| | 0.3 mg/g creatinine |
| | Medium: urine |
| | Time: end of shift |
| | Parameter: o-Cresol with hydrolysis (background) |

CAS: 67-64-1 propanone

| | |
|------------------|----------------------------------|
| <i>BEI (USA)</i> | 25 mg/L |
| | Medium: urine |
| | Time: end of shift |
| | Parameter: Acetone (nonspecific) |

· **Additional information:** The lists valid during the making were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

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Store protective clothing separately.
Avoid contact with the eyes and skin.

· **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.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

| | |
|---------------------------|------------------------------------|
| · Form: | Fluid |
| · Colour: | According to product specification |
| · Odour: | Characteristic |
| · Odour threshold: | Not determined. |

· **pH-value:** Not determined.

· **Change in condition**

| | |
|---|---------------|
| · Melting point/freezing point: | Undetermined. |
| · Initial boiling point and boiling range: | 40 °C |

· **Flash point:** < 23 °C

· **Flammability (solid, gas):** Not applicable.

· **Ignition temperature:** 455 °C

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

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| | |
|--|--|
| · Explosive properties: | <i>Product is not explosive. However, formation of explosive air/vapour mixtures are possible.</i> |
| · Explosion limits: | |
| Lower: | 13 Vol % |
| Upper: | 22 Vol % |
| · Vapour pressure at 20 °C: | 453 hPa |
| · Density at 20 °C: | 1.08 g/cm ³ |
| · Relative density | <i>Not determined.</i> |
| · Vapour density | <i>Not determined.</i> |
| · Evaporation rate | <i>Not determined.</i> |
| · Solubility in / Miscibility with water: | <i>Not miscible or difficult to mix.</i> |
| · Partition coefficient: n-octanol/water: | <i>Not determined.</i> |
| · Viscosity: | |
| Dynamic: | <i>Not determined.</i> |
| Kinematic: | <i>Not determined.</i> |
| · Solvent content: | |
| Organic solvents: | 97.5 % |
| VOC (EC) | 97.47 % |
| Solids content: | 2.4 % |
| · Other information | <i>No further relevant information available.</i> |

10 Stability and reactivity

- **Reactivity** *No further relevant information available.*
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **Possibility of hazardous reactions** *No dangerous reactions known.*
- **Conditions to avoid** *No further relevant information available.*
- **Incompatible materials:** *No further relevant information available.*
- **Hazardous decomposition products:** *No dangerous decomposition products known.*

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

LD/LC50 values relevant for classification:
CAS: 75-09-2 dichloromethane

| | | |
|------------|----------|-------------------|
| Oral | LD50 | 1,600 mg/kg (rat) |
| Inhalative | LC50/4 h | 88 mg/l (rat) |

| | | |
|------------|----------|---------------|
| Inhalative | LC50/4 h | 88 mg/l (rat) |
|------------|----------|---------------|

CAS: 67-56-1 Methanol

| | | |
|--------|------|-----------------------|
| Oral | LD50 | 5,628 mg/kg (rat) |
| Dermal | LD50 | 15,800 mg/kg (rabbit) |

| | | |
|--------|------|-----------------------|
| Dermal | LD50 | 15,800 mg/kg (rabbit) |
|--------|------|-----------------------|

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Trade name: GI PAINT AND VARNISH REMOVER

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CAS: 108-88-3 Methylbenzene

| | | |
|------------|----------|-----------------------|
| Oral | LD50 | 5,000 mg/kg (rat) |
| Dermal | LD50 | 12,124 mg/kg (rabbit) |
| Inhalative | LC50/4 h | 5,320 mg/l (mouse) |

CAS: 67-64-1 propanone

| | | |
|--------|------|-----------------------|
| Oral | LD50 | 5,800 mg/kg (rat) |
| Dermal | LD50 | 20,000 mg/kg (rabbit) |

CAS: 7664-41-7 Ammonia

| | | |
|------------|----------|------------------|
| Oral | LD50 | 350 mg/kg (rat) |
| Inhalative | LC50/4 h | 2,000 mg/l (rat) |

- **Primary irritant effect:**
- **Skin corrosion/irritation** No irritant effect.
- **Serious eye damage/irritation** No irritating effect.
- **Respiratory or skin sensitisation** No sensitising effects known.
- **Additional toxicological information:**
 The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
 Toxic

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
 Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
 Do not allow product to reach ground water, water course or sewage system.
 Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
 Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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14 Transport information

| | |
|---|---|
| · UN-Number | UN1263 |
| · ADR, IMDG, IATA | |
| · UN proper shipping name | 1263 PAINT |
| · ADR | PAINT |
| · IMDG, IATA | |
| · Transport hazard class(es) | |
| · ADR, IMDG, IATA | |
|  | |
| · Class | 3 Flammable liquids. |
| · Label | 3 |
| · Packing group | II |
| · ADR, IMDG, IATA | |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Warning: Flammable liquids. |
| · Hazard identification number (Kemler code): | 33 |
| · EMS Number: | F-E, <u>S-E</u> |
| · Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · Transport/Additional information: | |
| · ADR | |
| · Limited quantities (LQ) | 5L |
| · Excepted quantities (EQ) | Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml |
| · Transport category | 2 |
| · IMDG | |
| · Limited quantities (LQ) | 5L |
| · Excepted quantities (EQ) | Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml |
| · UN "Model Regulation": | UN 1263 PAINT, 3, II |

15 Regulatory information

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

· Philippines Inventory of Chemicals and Chemical Substances

All ingredients are listed.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

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- **Seveso category**
H3 STOT SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE
P5c FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 50 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H221 Flammable gas.
- H225 Highly flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H303 May be harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H333 May be harmful if inhaled.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H361 Suspected of damaging fertility or the unborn child.
- H370 Causes damage to organs.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- R10 Flammable.
- R11 Highly flammable.
- R23 Toxic by inhalation.
- R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
- R34 Causes burns.
- R36 Irritating to eyes.
- R38 Irritating to skin.
- R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
- R40 Limited evidence of a carcinogenic effect.
- R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R50 Very toxic to aquatic organisms.
- R63 Possible risk of harm to the unborn child.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

· **Department issuing SDS:** Product safety department

· **Contact:** Mr. Ong

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association

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EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Gas 2: Flammable gases – Category 2
Press. Gas C: Gases under pressure – Compressed gas
Flam. Liq. 2: Flammable liquids – Category 2
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 5: Acute toxicity – Category 5
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Carc. 1B: Carcinogenicity – Category 1B
Carc. 2: Carcinogenicity – Category 2
Repr. 2: Reproductive toxicity – Category 2
STOT SE 1: Specific target organ toxicity (single exposure) – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

*** Data compared to the previous version altered.**

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