



VT-580 Paint Remover

Safety Data Sheet

according to the United Nations GHS (Rev. 10, 2023)

Issue date: 10/21/2021 Revision date: 9/2/2025 Supersedes: 8/22/2022 Version: 1.2

SECTION 1: Identification

1.1. GHS Product identifier

Product form	: Mixture
Product name	: VT-580 Paint Remover
UN-No. (ADR)	: 1263
Product group	: Trade product

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use	: Coatings and paints, thinners, paint removers
-----------------	---

1.4. Supplier's details

Manufacturer

Vital Technical Sdn. Bhd.

No.93, Jalan Industri 3/3 Rawang Integrated Industrial Park,
48000 Rawang, Selangor, Malaysia.

T +603 60942088 - F +603 60992930

1.5. Emergency phone number

No additional information available

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

Flammable liquids, Category 3	H226	On basis of test data
Acute toxicity (oral), Category 4	H302	Calculation method
Acute toxicity (dermal), Category 5	H313	Calculation method
Skin corrosion/irritation, Category 2	H315	Calculation method
Serious eye damage/eye irritation, Category 2	H319	Calculation method
Carcinogenicity, Category 2	H351	Calculation method
Specific target organ toxicity – Single exposure, Category 2	H371	Calculation method
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336	Calculation method
Full text of H-statements: see section 16		
Adverse physicochemical, human health and environmental effects	: Suspected of causing cancer, May cause damage to organs, May cause drowsiness or dizziness, Harmful if swallowed, Harmful in contact with skin, Causes skin irritation, Causes serious eye irritation.	

2.2. GHS Label elements, including precautionary statements

Labelling according to the United Nations GHS

Hazard pictograms (GHS UN)	:	
Signal word (GHS UN)	:	Warning
Hazardous ingredients	:	DICHLOROMETHANE; methanol
Hazard statements (GHS UN)	:	H226 - Flammable liquid and vapour H302 - Harmful if swallowed H313 - May be harmful in contact with skin

VT-580 Paint Remover

Safety Data Sheet

according to the United Nations GHS (Rev. 10, 2023)

Precautionary statements (GHS UN)	H315 - Causes skin irritation H319 - Causes serious eye irritation H336 - May cause drowsiness or dizziness H351 - Suspected of causing cancer H371 - May cause damage to organs
	: P203 - Obtain, read and follow all safety instructions before use. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground and bond container and receiving equipment. P241 - Use explosion-proof equipment. P242 - Use non-sparking tools.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to the United Nations GHS
DICHLOROMETHANE	CAS-No.: 75-09-2	70 – 90	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Carc. 2, H351 STOT SE 3, H336
methanol	CAS-No.: 67-56-1	1 – 10	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 STOT SE 1, H370

Full text of H-statements: see section 16

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after 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.
First-aid measures after ingestion	: Rinse mouth. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: Eye irritation.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

VT-580 Paint Remover

Safety Data Sheet

according to the United Nations GHS (Rev. 10, 2023)

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective actions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin, eyes and clothing.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Do not get in eyes, on skin, or on clothing.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

methanol (67-56-1)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Methanol
IOELV TWA (mg/m³)	260 mg/m³

VT-580 Paint Remover

Safety Data Sheet

according to the United Nations GHS (Rev. 10, 2023)

methanol (67-56-1)	
Notes	Skin
Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC
USA - ACGIH - Occupational Exposure Limits	
Local name	Methanol
ACGIH TWA (ppm)	200 ppm
ACGIH STEL (ppm)	250 ppm
Remark (ACGIH)	TLV® Basis: Headache; eye dam; dizziness; nausea. Notations: Skin; BEI
Regulatory reference	ACGIH 2021
USA - ACGIH - Biological Exposure Indices	
Local name	METHANOL
Biological Exposure Indices (BEI)	15 mg/l Parameter: Methanol - Medium: urine - Sampling time: End of shift - Notations: B, Ns
Regulatory reference	ACGIH 2021

8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Materials for protective clothing	:
Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s)



8.4. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Odour	: Not available
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flammability	: Not applicable
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: ≈ 38 °C
Auto-ignition temperature	: No data available.
Decomposition temperature	: Not available

VT-580 Paint Remover

Safety Data Sheet

according to the United Nations GHS (Rev. 10, 2023)

pH	: No data available
pH solution	: Not available
Viscosity, kinematic (calculated value) (40 °C)	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: ≈ 1.2
Relative vapour density at 20°C	: No data available
Solubility	: Not available
Particle size	: Not applicable

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: May be harmful in contact with skin.
Acute toxicity (inhalation)	: Not classified

VT-580 Paint Remover

ATE UN (oral)	1181.056 mg/kg bodyweight
ATE UN (dermal)	3543.168 mg/kg bodyweight

Skin corrosion/irritation	: Causes skin irritation. pH: No data available
Serious eye damage/irritation	: Causes serious eye irritation. pH: No data available
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause damage to organs. May cause drowsiness or dizziness.

VT-580 Paint Remover

Safety Data Sheet

according to the United Nations GHS (Rev. 10, 2023)

DICHLOROMETHANE (75-09-2)

STOT-single exposure	May cause drowsiness or dizziness.
----------------------	------------------------------------

methanol (67-56-1)

STOT-single exposure	Causes damage to organs.
----------------------	--------------------------

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

12.2. Persistence and degradability

VT-580 Paint Remover

Persistence and degradability	Not rapidly degradable
-------------------------------	------------------------

DICHLOROMETHANE (75-09-2)

Persistence and degradability	Not rapidly degradable
-------------------------------	------------------------

methanol (67-56-1)

Persistence and degradability	Not rapidly degradable
-------------------------------	------------------------

12.3. Bioaccumulative potential

VT-580 Paint Remover

Bioaccumulative potential	No additional information available
---------------------------	-------------------------------------

12.4. Mobility in soil

VT-580 Paint Remover

Mobility in soil	No additional information available
------------------	-------------------------------------

12.5. Other adverse effects

Ozone : Not classified

Other adverse effects : No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.




SECTION 14: Transport information

In accordance with UN RTDG / IMDG / IATA

VT-580 Paint Remover

Safety Data Sheet

according to the United Nations GHS (Rev. 10, 2023)

UN RTDG	IMDG	IATA
14.1. UN number		
1263	1263	1263
14.2. UN Proper Shipping Name		
PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	Paint
Transport document description		
UN 1263 PAINT RELATED MATERIAL, 3, II	UN 1263 PAINT RELATED MATERIAL, 3, III	UN 1263 Paint, 3, III
14.3. Transport hazard class(es)		
3	3	3
		
14.4. Packing group		
II	III	III
14.5. Environmental hazards		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available		

14.6. Special precautions for user

UN RTDG

- Special provisions (UN RTDG) : 163, 367
- Limited quantities (UN RTDG) : 5L
- Excepted quantities (UN RTDG) : E2
- Packing instruction (UN RTDG) : P001, IBC02
- Special packing provisions (UN RTDG) : PP1
- Portable tank and bulk container special instructions (UN RTDG) : T4
- Portable tank and bulk container special provisions (UN RTDG) : TP1, TP8, TP28

IMDG

- Special provisions (IMDG) : 163, 223, 367, 955
- Limited quantities (IMDG) : 5 L
- Excepted quantities (IMDG) : E1
- Packing instructions (IMDG) : P001, LP01
- Special packing provisions (IMDG) : PP1
- IBC packing instructions (IMDG) : IBC03
- Tank instructions (IMDG) : T2
- Tank special provisions (IMDG) : TP1, TP29
- EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
- EmS-No. (Spillage) : S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER
- Stowage category (IMDG) : A
- Properties and observations (IMDG) : Miscibility with water depends upon the composition.

IATA

- PCA Excepted quantities (IATA) : E1
- PCA Limited quantities (IATA) : Y344
- PCA limited quantity max net quantity (IATA) : 10L
- PCA packing instructions (IATA) : 355
- PCA max net quantity (IATA) : 60L
- CAO packing instructions (IATA) : 366
- CAO max net quantity (IATA) : 220L

VT-580 Paint Remover

Safety Data Sheet

according to the United Nations GHS (Rev. 10, 2023)

Special provisions (IATA) : A3, A72, A192
ERG code (IATA) : 3L

14.7. Transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

SECTION 16: Other information

Issue date : 10/21/2021
Revision date : 9/2/2025
Supersedes : 8/22/2022

Abbreviations and acronyms : CAS-No. - Chemical Abstract Service number
ATE - Acute Toxicity Estimate
EC50 - Median effective concentration
EC-No. - European Community number
IATA - International Air Transport Association
IMDG - International Maritime Dangerous Goods
LC50 - Median lethal concentration
LD50 - Median lethal dose
LOAEL - Lowest Observed Adverse Effect Level
N.O.S. - Not Otherwise Specified
NOAEC - No-Observed Adverse Effect Concentration
NOAEL - No-Observed Adverse Effect Level
NOEC - No-Observed Effect Concentration
OEL - Occupational Exposure Limit
SDS - Safety Data Sheet

Full text of H-statements:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Acute Tox. 5 (Dermal)	Acute toxicity (dermal), Category 5
Carc. 2	Carcinogenicity, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 1	Specific target organ toxicity – single exposure, Category 1
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H301	Toxic if swallowed

VT-580 Paint Remover

Safety Data Sheet

according to the United Nations GHS (Rev. 10, 2023)

Full text of H-statements:	
H302	Harmful if swallowed
H311	Toxic in contact with skin
H313	May be harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H331	Toxic if inhaled
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H370	Causes damage to organs
H371	May cause damage to organs

Safety Data Sheet (SDS), UN

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.