

NEMPAL 710 Heavy Duty Paint RemoverVersion:
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01/09/2024**SECTION 1: Identification of the hazardous chemical and of the supplier****1.1 Product identifier**

Name : 710 Heavy Duty Paint Remover

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 details

Company : Bond Alike Sdn. Bhd.
Address : No. 15, Jalan BP 4/1, Bandar Bukit Puchong, 47120 Puchong, Selangor, Malaysia.
Phone : +603-5889 1615
Email : sales@nempal.com

1.5 Emergency phone number

+603-5889 1615

SECTION 2: Hazards identification**2.1 Classification of the hazardous chemical**

Classification according to Industry Code of Practice on chemicals classification and hazard communication (2019)

Flammable liquids, Category 3	H226
Acute toxicity (oral), Category 4	H302
Skin corrosion or irritation, Category 2	H315
Serious eye damage or eye irritation, Category 2	H319
Carcinogenicity, Category 2	H351
Specific target organ toxicity – Single exposure, Category 2	H371
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336

2.2 Label elements

Labelling according to Industry Code of Practice on chemicals classification and hazard communication (2019)

Hazard pictograms (GHS MY)	:	
Signal word (GHS MY)	:	Danger
Contains	:	DICHLOROMETHANE; methanol H226 - Flammable liquid and vapour. H302 - Harmful if swallowed. H315 - Causes skin irritation. H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness. H351 - Suspected of causing cancer.
Hazard statements (GHS MY)	:	H371 - May cause damage to organs. P201 - Obtain special instructions before use.
Precautionary statements (GHS MY)	:	P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

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No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting equipment.

2.3 Other hazards that do not result in classification

No additional information available

SECTION 3: Composition and information of the ingredients of the hazardous chemical**3.1 Substances**

Not applicable

3.2 Mixtures

Name	Product identifier	%	Classification according to Industry Code of Practice on chemicals classification and hazard communication (2019)
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

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 : Rinse skin with water/shower. Take off immediately all 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 : Call a poison centre or a doctor if 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

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Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

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

5.2 Physicochemical hazards arising from the chemical

Fire hazard : Flammable liquid and vapour.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3 Special protective equipment and precautions for fire fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
EAC code : •3YE

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. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not

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Hygiene measures : handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. 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

Technical measures : Ground/bond container and receiving equipment.
Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

SECTION 8: Exposure controls and personal protection

8.1 Control parameters

Methanol (67-56-1)	
Malaysia - Occupational Exposure Limits	
Local name	: Metanol (Metil alkohol) # Methanol (Methyl alcohol)
PEL TWA (mg/m ³)	: 262 mg/m ³
PEL TWA (ppm)	: 200 ppm
MEL (mg/m ³)	: 786 mg/m ³
MEL (ppm)	: 600 ppm
Remark (MY)	: (kulit # skin)
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, N
Regulatory reference	: ACGIH 2021

Exposure limit values for the other components

8.1.1 Biological monitoring

No additional information available

8.2 Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the workstation.

8.3. Individual protection measures, such as PPE

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

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01/09/2024Personal protective equipment
symbol(s):

Environmental exposure controls : Avoid release to the environment

SECTION 9: Physical and chemical properties

Physical state	:	Liquid
Appearance	:	No data available
Colour	:	Clear
Odour	:	Characteristic odour
Odour threshold	:	No data available
pH	:	Not applicable
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	≈ 38° C
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable
Explosive limits	:	No data available
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	Not applicable
Relative density	:	≈ 1.15
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Partition coefficient n-octanol/water (Log Kow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available

SECTION 10: Stability and reactivity

Reactivity	:	Flammable liquid and vapour.
Chemical stability	:	Stable under normal conditions
Possibility of hazardous reactions	:	No dangerous reactions known under normal conditions of use
Conditions to avoid	:	None under recommended storage and handling conditions (see section 7). Avoid contact with hot surfaces, heat, no flames, no sparks. Eliminate all sources of ignition.
Incompatible materials	:	No data available
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced

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01/09/2024**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

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ATE MY (oral)	:	1181.056 mg/kg bodyweight
ATE MY (oral)	:	1181.056 mg/kg bodyweight

Skin corrosion/irritation : Causes skin irritation. pH: Not applicable
Serious eye damage/irritation : Causes serious eye irritation
Respiratory sensitization : Not classified
Skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Suspected of causing cancer.
Reproductive toxicity : Suspected of damaging fertility or the unborn child
STOT-single exposure : May cause damage to organs. May cause drowsiness or dizziness.

DICHLOROMETHANE (75-09-2)	
STOT- single exposure	May cause drowsiness or dizziness.

Methanol (67-56-1)	
STOT- single exposure	May cause damage to organs.

STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

SECTION 12: Ecological information**12.1 Ecotoxicity**

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

No additional information available

12.3 Bioaccumulative potential

No additional information available

12.4 Mobility in soil

No additional information available

12.5 Other adverse effects

Ozone : Not classified

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Other adverse effects : No additional information available

SECTION 13: Disposal information**13.1 Disposal methods**

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information : Flammable vapours may accumulate in the container.

SECTION 14: Transportation information

In accordance with IMDG / IATA / UN RTDG.

14.1 UN number

UN-No.(UN RTDG) : 1263
UN-No. (IMDG) : 1263
UN-No. (IATA) : 1263

14.2 UN proper shipping name

Proper Shipping Name (UN RTDG) : PAINT RELATED MATERIAL
Proper Shipping Name (IMDG) : PAINT RELATED MATERIAL
Proper Shipping Name (IATA) : Paint

14.3 Transport hazard class(es)**UN RTDG**

Transport hazard class(es) (UN RTDG) : 3
Danger Labels (UN RTDG) : 3

**IMDG**

Transport hazard class(es) (IMDG) : 3
Danger Labels (IMDG) : 3

**IATA**

Transport hazard class(es) (IATA) : 3

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Danger Labels (IATA) : 3

**14.4 Packing Group, if applicable**Packing group (UN RTDG) : II
Packing group (IMDG) : III
Packing group (IATA) : III**14.5 Environmental hazards**Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available**14.6 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)****UN RTDG**Special provisions (UN RTDG) : 163, 167
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

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CAO max net quantity (IATA) : 220L
 Special provisions (IATA) : A3, A72, A192
 ERG code (IATA) : 3L

14.7 Special precautions for user

Not applicable

14.8 Hazchem or Emergency Action Code

EAC code : •3YE

SECTION 15: Regulatory information

15.1 Safety, health, and environmental regulations specific for the hazardous chemical in question

Regulation	Component/ Mixture
EHS Notification and Registration Scheme	710 Heavy Duty Paint Remover
Environmental Quality (Chlorofluorocarbons Prohibition) Order 1993	
Environmental Quality (Industrial Effluent) Regulations 2009	
Environmental Quality (Scheduled Wastes) Regulations 2007	
Control of Industrial Major Accident Hazards Regulations 1996	
Prohibition of Use of Substance Order 1999	
Use and Standards of Exposure of Chemical Hazardous to Health Regulations 2000	
Chemical Weapons Convention Act	
Corrosive and Explosive Substances and Offensive Weapons Act	
Dangerous Drugs Act	
Pesticides Act	
Petroleum (Safety Measures) Act	
Poisons Act 1952	
Poisons (Psychotropic Substances) Regulations 1989	

15.2 International agreements

No additional information available

SECTION 16: Other information

16.1 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
 Carc. 2 : Carcinogenicity, Category 2
 Eye Irrit. 2 : Serious eye damage or eye irritation, Category 2
 Flam. Liq. 2 : Flammable liquids, Category 2
 Flam. Liq. 3 : Flammable liquids, Category 3
 Skin Irrit. 2 : Skin corrosion or 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

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H225	:	Highly flammable liquid and vapour.
H226	:	Flammable liquid and vapour.
H301	:	Toxic if swallowed.
H302	:	Harmful if swallowed.
H311	:	Toxic if 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.

16.2 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

16.3 Date Format

Date format : dd/mm/yyyy

Safety Data Sheet (SDS), Malaysia

Safety Data Sheets are updated from time to time. Please ensure that you have the latest copy. SDS may be obtained from the following website www.nempal.com

The information provided is based on our current knowledge and is intended solely to describe the product for health, safety, and environmental compliance purposes. It should not be interpreted as a warranty of any particular product characteristic.
