

SECTION 1: Product identifier

1.1. Product identifier

Product form : Mixture
 Product name : Solvent Degreaser

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Solvent degreaser for cleaning parts and products.

1.4. Supplier's details

5/222 Wisemans Ferry Rd.
 Somersby
 NSW 2250
 0403 962 964
www.mightytreatments.com.au

1.5. Emergency phone number

Emergency number : Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Flammable liquids, Category 4	H227
Serious eye damage/eye irritation, Category 2A	H319
Aspiration hazard, Category 1	H304

2.2. Label elements

Hazard pictograms (GHS AU) :



Exclamation mark
 Health hazard

Flammable
 Liquid

Signal word (GHS AU) :

Danger

Contains :

Naphtha, petroleum, hydrotreated heavy (80 – 100 %)

Hazard statements (GHS AU) :

H227 – Flammable Liquid

H – May be fatal if swallowed and enters airways
 H – Causes serious eye irritation

Precautionary statements (GHS AU) :

P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P – Wash hands, forearms and face thoroughly after handling.

P – Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P301+P310 – IF SWALLOWED: Immediately call a POISON CENTRE or doctor.

P – Do NOT induce vomiting.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – If eye irritation persists: Get medical advice/attention.

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P403+P235 – Store in a well-ventilated place. Keep cool. P405 – Store locked up. P501 – Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Unknown acute toxicity (GHS AU)

: 1.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 1.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

Name	CAS-No.	%
Naphtha, petroleum, hydrotreated heavy	64742-48-9	80 – 100
Alcohols, C16-18, ethoxylated	68439-49-6	0.5 – 1.5
Alcohols, C12-14, ethoxylated	68439-50-9	0.5 – 1.5

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation

: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact

: If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.

First-aid measures after eye contact

: 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.

First-aid measures after ingestion

: IF SWALLOWED: Immediately call a POISON CENTRE/doctor. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

4.2. Symptoms caused by exposure

Symptoms/effects after inhalation

: May cause irritation to the respiratory tract.

Symptoms/effects after skin contact

: May cause skin irritation. Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact

: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Symptoms/effects after ingestion

: May be fatal if swallowed and enters airways. May result in aspiration into the lungs, causing chemical pneumonia. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3. Indication of any immediate medical attention and special treatment needed

Other medical advice or treatment

: Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

: Dry chemical. Foam.

Unsuitable extinguishing media

: Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard

: Flammable Liquid . Products of combustion may include, and are not limited to: oxides of carbon. May release flammable gases.

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General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Use special care to avoid static electric charges. Remove all sources of ignition.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Move containers away from the fire area if this can be done without risk.
Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Use special care to avoid static electric charges. Remove all sources of ignition.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak if safe to do so. Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment. Eliminate sources of ignition.

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

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. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Use only non-sparking tools.

Hygiene measures : Wash contaminated clothing before reuse. Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store locked up. Store in a dry, cool and well-ventilated place. Keep out of direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

No additional information available

8 Monitoring

No additional information available

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8.3. Appropriate engineering controls

Appropriate engineering controls : Provide local exhaust or general room ventilation.

8.4. Personal protective equipment

Hand protection : Wear suitable gloves
Eye protection : Wear eye/face protection
Skin and body protection : Wear suitable protective clothing
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls : Avoid release to the environment.
Other information : Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

Physical state : Liquid
Appearance : Pale Yellow in colour
Colour : Pale Yellow in colour
Odour : Solvent odour
Odour threshold : No data available
pH : 5 PH
Relative evaporation rate (butylacetate=1) : No data available
Melting point / Freezing point : No data available
Boiling point : No data available
Flash point : No data available
Auto-ignition temperature : No data available
Flammability (solid, gas) : Flammable Liquid
Vapour pressure : No data available
Relative density : No data available
Density : 0.78-0.80
Solubility : No data available
Partition coefficient n-octanol/water : No data available
Explosive properties : No data available
Explosive limits : No data available
Minimum ignition energy : No data available
Fat solubility : No data available

SECTION 10: Stability and reactivity

Reactivity : No dangerous reactions known under normal conditions of use.
Chemical stability : Stable under normal conditions. May form flammable/explosive vapour-air mixture.
Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.
Conditions to avoid : Heat. Sources of ignition. Direct sunlight. Incompatible materials.
Incompatible materials : Oxidizing agent, Halogens, strong acids,
Hazardous decomposition products : May include, and are not limited to, thermal decomposition is highly dependant on conditions. A complex mixture of airborne solids, liquids gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation

SECTION 11: Toxicological information

Acute toxicity (oral) : Not classified.
Acute toxicity (dermal) : Not classified.
Acute toxicity (inhalation) : Not classified.

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Naphtha, petroleum, hydrotreated heavy (64742-48-9)

LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 5000 mg/kg
LC50 inhalation rat	> 8500 mg/m ³ (Exposure time: 4 h)

Alcohols, C16-18, ethoxylated (68439-49-6)

LD50 oral rat	1260 mg/kg
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Alcohols, C12-14, ethoxylated (68439-50-9)

LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: EU Method B.1 (Acute Toxicity (Oral)), Guideline: other: Safepharm standard Method Number OECD 39
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	> 3000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:
LC50 inhalation rat	> 1.6 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Unknown acute toxicity (GHS AU) : 1.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 1.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

Skin corrosion/irritation	: Not classified.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
STOT-repeated exposure	: Not classified.

Alcohols, C12-14, ethoxylated (68439-50-9)

NOAEL (oral, rat, 90 days)	≥ 500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
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Aspiration hazard	: May be fatal if swallowed and enters airways.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Ecology - general : Hazardous to the aquatic environment, long-term : (chronic) May cause long-term adverse effects in the aquatic environment. Not classified.

Other information : No other effects known.

Naphtha, petroleum, hydrotreated heavy (64742-48-9)

LC50 - Fish [1]	2200 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
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Alcohols, C12-14, ethoxylated (68439-50-9)

LC50 - Fish [1]	6.4 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
LC50 - Fish [2]	1.2 mg/l Test organisms (species): Cyprinus carpio
EC50 - Crustacea [1]	1.2 mg/l Test organisms (species): Daphnia magna

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Alcohols, C12-14, ethoxylated (68439-50-9)

EC50 - Crustacea [2]	1.4 mg/l Test organisms (species): Daphnia magna
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12.2. Persistence and degradability

Solvent and Degreaser

Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified.
Other adverse effects : No additional information available

Solvent and Degreaser

Fluorinated greenhouse gases	False
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Naphtha, petroleum, hydrotreated heavy (64742-48-9)

Fluorinated greenhouse gases	False
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Alcohols, C16-18, ethoxylated (68439-49-6)

Fluorinated greenhouse gases	False
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Alcohols, C12-14, ethoxylated (68439-50-9)

Fluorinated greenhouse gases	False
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SECTION 13: Disposal considerations

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. The generation of waste should be avoided or minimized wherever possible. Recycle empty containers where allowed.

Additional information : Handle empty containers with care because residual vapours are flammable.

SECTION 14: Transport information

14.1. UN number

UN-No. (ADG) : 1300
UN-No. (IMDG) : 1300
UN-No. (IATA) : 1300

14.2. Proper Shipping Name - Addition

Proper Shipping Name (ADG) : Mixed Hydrocarbons
Proper Shipping Name (IMDG) : Mixed Hydrocarbons
Proper Shipping Name (IATA) : Mixed Hydrocarbons

14.3. Transport hazard class(es)

ADG
Transport hazard class(es) (ADG) : Flammable Liquid (class 3)

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IMDG

Transport hazard class(es) (IMDG) : Flammable Liquid (class 3)

IATA

Transport hazard class(es) (IATA) : Flammable Liquid

14.4. Packing group

Packing group (ADG) : Group III
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Marine pollutant : No
Dangerous for the environment : No
Other information : No supplementary information available.

14.6. Special precautions for user

Specific storage requirement : No data available
Shock sensitivity : No data available

14.7. Additional information

Other information Special transport precautions : No supplementary information available. : Do not handle until all safety precautions have been read and understood.

Transport by road and rail

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

14.8. Hazchem or Emergency Action Code

Hazchem Code : 3Y

SECTION 15: Regulatory information

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

No additional information available

15.2. International agreements

No additional information available

SECTION 16: Other information

Classification

Flam. Liq. 3	H227
Eye Irrit. 2A	H319

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Classification	
Asp. Tox. 1	H304