

SECTION 1: Product identifier

1.1. Product identifier

Product form : Mixture
Product name : Wax and Grease
Product code : 1023

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Cleans grease and finger marks off surfaces prior to painting

1.4. Supplier's details

[Mighty Surface Treatments](#)
[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)
Emergency Chemical : 1800 127 406

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 2	H225
Skin corrosion/irritation, Category 2	H315
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336
Specific target organ toxicity – Repeated exposure, Category 1	H372
Aspiration hazard, Category 1	H304

2.2. Label elements

Hazard pictograms (GHS AU) :



Signal word (GHS AU) : Danger
Contains : Isoheptane (50 %); Naphtha, petroleum, hydrodesulfurized heavy (50 %)
Hazard statements (GHS AU) : H225 – Highly flammable liquid and vapour
H – May be fatal if swallowed and enters airways
H – Causes skin irritation
H – May cause drowsiness or dizziness
H – Causes damage to organs (central nervous system) through prolonged or repeated exposure
Precautionary statements (GHS AU) : P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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P240 - Ground and bond container and receiving equipment. P241 - Use explosion-proof equipment.

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. P331 - Do NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 - Call a POISON CENTER or doctor if you feel unwell.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P235 - 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. AUH066 - Repeated exposure may cause skin dryness or cracking.

Additional hazard statements (GHS AU) :

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

Name	CAS-No.	%
Heptane and Isomers	Various	>50%
Naphtha, petroleum, hydrodesulfurized heavy*	64742-82-1	30-80%
Isohexanes	31394-54-4	<10%

*The classification as a carcinogen or mutagen does not apply because the substance contains less than 0,1 % w/w benzene.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

First-aid measures after skin contact : IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

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 CENTER/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. May cause drowsiness or dizziness.

Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/effects after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms/effects after ingestion : May be fatal if swallowed and enters airways. May result in aspiration into the lungs, causing chemical pneumonia.

Chronic symptoms : Causes damage to organs (central nervous system) through prolonged or repeated exposure

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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 : carbon dioxide (CO₂), dry chemical powder, water spray.
Unsuitable extinguishing media : Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapour. Products of combustion may include, and are not limited to: oxides of carbon. : May form flammable/explosive vapour-air mixture. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours

Explosion hazard

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. Use water spray to keep fire-exposed containers cool.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Hazchem Code : 3YE

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. Remove all sources of ignition. 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.

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

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.

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Precautions for safe handling	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Ground/bond container and receiving equipment. Do not breathe dust, fume, gas, mist, spray, vapours. Do not swallow. Avoid contact with skin and eyes. When using do not eat, drink or smoke. Handle and open container with care. Use only outdoors or in a well-ventilated area.
Hygiene measures	: Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Proper grounding procedures to avoid static electricity should be followed.
Storage conditions	: Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Store locked up. Store below 30 °C/86 °F. If you keep more than 2500kg or L of Dangerous Goods of Packaging Group II, you may be required to license the premises or notify your Dangerous goods Authority. If you have any doubts, we suggest you contact your Dangerous goods authority in order to clarify your obligations.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

No additional information available

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Personal protective equipment

Hand protection	: Wear suitable gloves resistant to chemical penetration. PVC gloves. Nitrile rubber gloves. VITON gloves
Eye protection	: Safety glasses or goggles are recommended when using product.
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	: Clear colourless liquid.
Colour	: Clear Colourless
Odour	: Characteristic
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: Melting point: No specific data. Liquid at normal temperature Freezing point: No specific data. Liquid at normal temperature
Boiling point	: 84 – 200 °C at 100 kPa
Flash point	: ≈ -10 °C
Auto-ignition temperature	: > 200 °C
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Density	: Relative density: ≈ 0.74
Solubility	: Insoluble.

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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. Incompatible materials. Sources of ignition. Direct sunlight.
Incompatible materials	: Strong oxidizers.
Hazardous decomposition products	: May include, and are not limited to: oxides of carbon. May release flammable gases.

SECTION 11: Toxicological information

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

Isoheptane (31394-54-4)	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity)
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity)
LC50 inhalation rat	> 33.52 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)

Naphtha, petroleum, hydrodesulfurized heavy (64742-82-1)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

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

Isoheptane (31394-54-4)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure	: Causes damage to organs (central nervous system) through prolonged or repeated exposure.
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Isoheptane (31394-54-4)	
NOAEC (inhalation, rat, vapour, 90 days)	24.3 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)

Naphtha, petroleum, hydrodesulfurized heavy (64742-82-1)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard	: May be fatal if swallowed and enters airways.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye

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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 : May cause long-term adverse effects in the aquatic environment.
Hazardous to the aquatic environment, long-term : Not classified.
(chronic)
Other information : No other effects known.

Isoheptane (31394-54-4)	
LC50 - Fish [1]	0.11 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	0.4 mg/l Test organisms (species): Daphnia magna
LOEC (chronic)	0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2. Persistence and degradability

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Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Wax and Grease	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

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

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Fluorinated greenhouse gases	False

Isoheptane (31394-54-4)	
Fluorinated greenhouse gases	False

Naphtha, petroleum, hydrodesulfurized heavy (64742-82-1)	
Fluorinated greenhouse gases	False

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

SECTION 14: Transport information

14.1. UN number

UN-No. (ADG) : 3295
UN-No. (IMDG) : 3295

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UN-No. (IATA) : 3295

14.2. Proper Shipping Name – Addition

Proper Shipping Name (ADG) : HYDROCARBONS, LIQUID, N.O.S. (Isoheptane, Naptha, petroleum, hydrodesulfurized heavy)

Proper Shipping Name (IMDG) : HYDROCARBONS, LIQUID, N.O.S. (Isoheptane, Naptha, petroleum, hydrodesulfurized heavy)

Proper Shipping Name (IATA) : Hydrocarbons, liquid, n.o.s. (Isoheptane, Naptha, petroleum, hydrodesulfurized heavy)

14.3. Transport hazard class(es)

ADG

Transport hazard class(es) (ADG) :3

Danger labels (ADG) :3

:



IMDG

Transport hazard class(es) (IMDG) : 3

Danger labels (IMDG) : 3

:



IATA

Transport hazard class(es) (IATA) :3

Danger labels (IATA) :3

:



14.4. Packing group

Packing group (ADG) : II – substances presenting medium danger

Packing group (IMDG) : II

Packing group (IATA) : II

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 : No supplementary information available.

Special transport precautions : Do not handle until all safety precautions have been read and understood.

Transport by road and rail

UN-No. (ADG) : 3295

Limited quantities (ADG) : II

Packing instructions (ADG) : P001, IBC02

Portable tank and bulk container instructions (ADG) : T7

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Portable tank and bulk container special provisions (ADG) : TP1, TP8, TP28

Transport by sea

UN-No. (IMDG) : 3295

Air transport

UN-No. (IATA) : 3295

14.8. Hazchem or Emergency Action Code

Hazchem Code : 3YE

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. 2	H225
Skin Irrit. 2	H315
STOT SE 3	H336
STOT RE 1	H372
Asp. Tox. 1	H304

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