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## 1. IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

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<b>Product Name</b>	Brake Cleaner
<b>Product Code</b>	40213 (200L), 42213 (20L)
<b>Product Use</b>	Quick Drying Solvent Cleaner
<b>Issue Date</b>	August 2018
<b>Company Name</b>	Gulf Western Oil
<b>Company Address</b>	92 – 96 Links Rd St Marys NSW 2760 Australia
<b>Telephone number / Fax</b>	(02) 9673 9600 (phone) / (02) 9673 9696 (fax)
<b>Emergency Telephone number</b>	(02) 9673 9600 (business hours) or 131 126 (Poisons Information Centre)
<b>Other Information</b>	Not applicable

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## 2. HAZARDS IDENTIFICATION

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### GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7<sup>th</sup> edition)

Aspiration Hazard: Category 1  
 Eye Damage/Irritation: Category 2A  
 Skin Corrosion/Irritation: Category 2  
 Flammable Liquids: Category 3  
 Acute Toxicity - Dermal: Category 4  
 Acute Toxicity - Inhalation: Category 4  
 Acute Toxicity - Oral: Category 4  
 STOT Single Exposure: Category 3 (narcotic)

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## Signal Word (s)

DANGER

## Hazard Statement (s)

Flammable liquid and vapour.  
May be fatal if swallowed and enters airways.  
Causes serious eye irritation.  
Causes skin irritation.  
Harmful if swallowed.  
Harmful in contact with skin.  
Harmful if inhaled.  
May cause drowsiness or dizziness.

## Pictogram (s)

Exclamation mark, Health hazard, Flame



## Precautionary statement – Prevention

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion- proof electrical/ventilating/lighting/tools/equipment.  
Use only non- sparking tools.  
Take precautionary measures against static discharge.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wash contaminated skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well- ventilated area.

## Precautionary statement – Response

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
Rinse mouth.  
Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
Wash contaminated clothing before reuse.

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IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

If skin irritation occurs: Get medical advice/attention.

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.

Call a POISON CENTER or doctor/physician if you feel unwell.

In case of fire: Use foam, dry chemical powder or carbon dioxide for extinction.

## Precautionary statement – Storage

Store in a cool place.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

## Precautionary statement – Disposal

Dispose of contents/container to an approved waste facility.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

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### Composition information

INGREDIENT NAME	CAS NO.	WEIGHT
Solvent naphtha	64742-89-8	100%

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## 4. FIRST AID MEASURES

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### Inhaled

Vapour inhalation under ambient conditions is normally not a problem. If fumes or combustion products are inhaled the removed affected person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

### Ingestion

Aspiration hazard. If swallowed, do not induce vomiting. Immediately wash out mouth with water. Immediately seek medical attention. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a doctor immediately.

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## Skin

Remove contaminated clothing wipe off excess with absorbent tissue or towel and wash skin thoroughly with soap and water. Immediately flush skin with plenty of soap and water for at least 15 minutes. If swelling, redness, blisters or irritation develops and persists seek medical attention.

## Eye

If contact occurs, immediately wash with running water for 15 minutes, holding eyelids open. Continue flushing until advised to stop by the Poisons Information Centre, or a doctor, or for at least 15 minutes. Removal of contact lenses after eye injury should only be undertaken by skilled personnel.

## First Aid Facilities

Eye wash and normal washroom facilities.

## Advice to Doctor

Treat symptomatically.

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## 5. FIRE FIGHTING MEASURES

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Flammable Liquid and Vapor! Contact with strong oxidizers may cause fire.

Flash point: <0°C Closed Cup

Autoignition temperature: not available

Flammable limits in air % by volume:

lower exposure limit: 1.1; upper exposure limit: 5.9

## Extinguishing Media

Dry chemical, foam or carbon dioxide. Water spray may be used to keep fire exposed containers cool.

## Specific Hazards

Sealed containers may rupture when heated. Above the flash point, explosive vapor-air mixtures may be formed. Vapors can flow along surfaces to distant ignition source and flash back.

## Hazardous Combustion Products

During combustion this product may emit toxic and or / irritating fumes including oxides of carbon and nitrogen.

## Precautions

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

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## 6. ACCIDENTAL RELEASE MEASURES

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Ventilate area of leak or spill. Remove all sources of ignition. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.

### Personal Precautions

Wear appropriate personal protective equipment. Minimise skin contact. Slippery when spilt.

### Precautions To Protect The Environment

Keep product out of sewers and watercourses by isolating or compounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable government regulations.

### Spill Clean up Procedures

Avoid contact with eyes or skin. Place leaking containers in well ventilated area. Avoid discharge to natural waterways. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.

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## 7. HANDLING AND STORAGE

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### Corrosiveness

Not corrosive.

### Handling

Do not reuse container. Keep lid closed when not in use. Do not store or mix with strong oxidizers. Avoid spilling.

### Storage

Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for

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the product. Do not attempt to clean empty containers since residue is difficult to remove. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, sparks, flame, static electricity or other sources of ignition: they may explode and cause injury or death.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### Exposure Limits

Worksafe exposure standard:-

Time Weighted Average (TWA)      300mg/m<sup>3</sup>      -

Short Term Exposure Limit (STEL)      -      -

### Respiratory Protection

Avoid breathing vapours or mists. Where ventilation is inadequate and vapours or mists are generated the use of an approved respirator with organic vapour/particulate filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended.

### Eye Protection

Wear splash proof eye goggles to prevent any possibility of eye contact.

### Hand Protection

Wear gloves of impervious material if handling material for prolonged periods.

### Body Protection

Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated.

### Engineering controls

Natural ventilation should be sufficient, however where vapours or mists are generated (either through confinement or elevated temperatures) the use of a local exhaust system is recommended.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance / Description</b>	Clear colourless mobile liquid.
<b>Boiling Point</b>	70 – 135 °C
<b>Solubility in Water</b>	Insoluble
<b>Specific Gravity</b>	0.695 g/mL
<b>Vapour Pressure</b>	15 kPa @ 20°C
<b>Viscosity</b>	Not applicable
<b>Flash Point</b>	<0°C
<b>Flammability</b>	LEL – 1.1; UEL – 7.5 % by volume

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## 10. STABILITY AND REACTIVITY

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### Stability

Stable under normal conditions.

### Hazardous Polymerization

Will not occur.

### Materials to Avoid

Strong oxidizing agents.

### Hazardous Decomposition Products

Thermal decomposition and combustion produce noxious fumes containing oxides of carbon

### Hazardous Reaction

Hazardous reaction with strong oxidizing agents

### Conditions to Avoid

Heat, ignition sources. Avoid contact with acids and oxidizing substances.

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## 11. TOXICOLOGICAL INFORMATION

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### Toxicological Information

#### POTENTIAL HEALTH EFFECTS

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## **Ingestion**

Harmful. Ingestion will irritate the gastric tract which may cause nausea and vomiting. Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis.

## **Inhalation**

Harmful. Inhalation of vapours or mists may cause irritation to the respiratory system. Inhalation of high concentrations may lead to headache, dizziness, nausea, vomiting or drowsiness.

## **Skin**

Harmful. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

## **Eye**

Liquid and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation.

## **Chronic Effects**

Prolonged or repeated skin contact may cause irritation leading to dermatitis. Prolonged inhalation of high vapour concentrations may cause drowsiness and lead to narcosis.

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## **12. ECOLOGICAL INFORMATION**

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When released into the soil, this material may biodegrade to a moderate extent. When released into the soil, this material may evaporate to a moderate extent. When released into water, this material may biodegrade to a moderate extent. This material may bioaccumulate to some extent. When released into the air, this material may be moderately degraded by reaction with photochemically produced hydroxyl radicals.

### **Environmental Protection**

Prevent this material from entering the environment

### **Ecotoxicity**

No specific data is available for this product.

### **Persistence / Degradability**

No specific data is available for this product.

### **Mobility**

No specific data is available for this product.

### **Bioaccumulation**

No specific data is available for this product.



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## 13. DISPOSAL CONSIDERATIONS

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Contain the spill with sand or earth or absorb with absorbent material. Collect the material and place into a suitably sealed and labeled container. Do not allow the product to enter drains, sewers or water courses. If large quantities of this material enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority. Recycle container if authorities permit it and facilities are available.

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## 14. TRANSPORT INFORMATION

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Classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

### UN Number

1268

### Proper Shipping Name

PETROLEUM DISTILLATES, N.O.S. (solvent naphtha, light aliphatic)

### DG class

3 (Flammable Liquid)

### Hazchem Code

3[Y]E

### Packing Group

II

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## 15. REGULATORY INFORMATION

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### Poisons Schedule

Schedule 5 Poison according to the Standard for Uniform Scheduling of Medicines and Poisons

### Australian Inventory of Chemical Substances (AICS) and New Zealand Inventory of Chemicals (NZIoC)

All individual components are registered on the Australian and New Zealand Inventory of Chemical Substances

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## 16. OTHER INFORMATION

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### Contact Person

For information concerning details on this Safety Data Sheet contact the Technical Manager on the following number:

(02) 9673 9600 (business hours)

0417 244 439 (after hours)

### General Disclaimer

All reasonable care has been taken to ensure that the information and advice contained herein are accurate at the time of printing. Gulf Western Oil however accepts no liability for any loss or damages suffered as a consequence of reliance on the information and advice contained herein.

### History

This Safety Data Sheet prepared in November 2013

Complete Revision – August 2018