

Section 1. Identification of the material and the supplier

Product: **SOLVENT CLEANER 7805**
 Product Code: FB7805 / FB7805-5 / FB7805-20
 Product Use: Industrial strength cleaning agent
 Restriction of Use: Refer to Section 15

New Zealand Supplier: **Glasscorp Limited**

Address: **124 Bush Road
 Albany
 Auckland
 New Zealand**

Telephone: 09 415 6338
 Fax Number: 09 415 6339
 Email: sales@glasscorp.co.nz
 Website: www.glasscorp.co.nz

Emergency Telephone: 09 415 6338 or 0800 764 766 (National Poison Line)

Date of MSDS Preparation: 06 June 2015 - Version 2

Section 2. Hazards Identification

This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

EPA Approval Code and Group Standard: Solvents (Flammable hazard) HSR002650

Pictograms:



Flammable



Irritant



Chronic



Ecotoxic

Signal Word: **DANGER**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
3.1B	H225	Highly flammable liquid and vapour.	Category 2
6.1E	H304	May be fatal if swallowed and enters airways.	Category 1
6.3B	H316	Causes mild skin irritation.	Category 3
6.4A	H319	Causes serious eye irritation.	Category 2A
6.9A	H372	Causes damage to through prolonged or repeated exposure	Category 1
9.1B	H411	Toxic to aquatic life with long lasting effects.	Category 2

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions before use.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.

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P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe fumes, gas, mist, vapours or spray.

P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective clothing.

Response code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P314	Get medical advice/attention if you feel unwell.
P331	Do NOT induce vomiting.
P338	Remove contact lenses, if present and easy to do. Continue rinsing.
P391	Collect spillage.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+ P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use dry chemical, carbon dioxide (CO ₂), water fog or foam

Storage Code	Storage Statement
P405	Store locked up.
P403 + P235	Store in a well-ventilated place. Keep cool.

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations

Section 3. Composition / Information on Ingredients

Ingredients	%wt	CAS
Naphtha (Petroleum), hydrotreated heavy	50	64742-48-9
Heptane and isomers	<30	Various
Cyclohexane	<20	110-82-7
Methylcyclohexane	<10	108-87-2
Hexane	<5	110-54-3
may contain: Nonane	<3	111-84-2

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Immediately flush eyes with gentle but large stream of water for at least 15 minutes, Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs: Get medical advice/attention.

If on Skin Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs: Get medical advice/ attention.

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If Swallowed	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a POISON CENTER or doctor/physician if you feel unwell.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Section 5. Fire Fighting Measures

Hazard Type	Highly Flammable Liquid
Hazards from combustion products	Smoke, fume, incomplete combustion products, carbon dioxide and carbon monoxide.
Suitable Extinguishing media	Dry chemical, carbon dioxide (CO ₂), water fog or foam. Do not use straight streams of water. Water spray can be used to cool fire exposed surfaces and to protect personnel.
Precautions for firefighters and special protective clothing	Wear full protective clothing and self-contained breathing apparatus. Vapour is flammable and heavier than air. Vapour may travel across the ground and reach remote sources of ignition causing a flashback fire danger.
HAZCHEM CODE	3YE

Section 6. Accidental Release Measures

Emergency Procedures:

Highly flammable liquid and vapours. Avoid contact with spilled material. Prevent fluid from escaping to drains and waterways. Contain leaking packaging in a containment drum. Prevent vapours from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills or accidental release immediately to relevant authorities according to applicable regulations.

Methods and materials for containment:

Major Land Spill

- Eliminate sources of ignition.
- Warn or evacuate occupants of downwind areas of possible fire and explosion hazard.
- Prevent liquid from entering sewers, watercourses, or low-lying areas. Keep the public away from the area.
- Do not walk through or touch spilled material.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimize the effect on the ground water.
- Contain, absorb or cover the spilled liquid with dry sand or earth, or other non-combustible material.
- A vapour —suppressing foam may be used to reduce vapour.
- Recover by pumping — use non-sparking tools, explosion proof pump or hand pump — or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measures" and "Stability and Reactivity"

Major Water Spill

- Eliminate any sources of ignition.

Section 7. Handling and Storage

Precautions for safe handling:

- Read label before use.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Do not breathe fumes, gas, mist, vapours or spray.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Avoid release to the environment.
- Wear protective clothing.
- Use personal protective equipment as required.

Precautions for safe storage:

- Store in a well-ventilated place. Keep cool.
- Store locked up and away from children.
- Store away from strong oxidisers.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	CAS #	TWA	
		ppm	mg/m ³
Cyclohexane	100-82-7	100	350
Heptane		400	1630
Hexane (BIO)	110-54-3	20	72
Methylcyclohexane	108-87-2	400	1610
Nonane;	111-84-2	200	1050

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.*

Engineering Controls

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment.

Personal Protection

Respiratory:

Where concentrations in air may exceed the limits described in the Workplace Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product. Where there are high concentrations in air, use an approved supplied-air respirator operated in positive pressure mode.

Hand Protection: Always wear long sleeves and long trousers or coveralls, enclosed footwear or boots and chemical resistant gloves, e.g. nitrile, when handling this product.

Eye: Wear splash-proof goggles with side shields.

Section 9 Physical and Chemical Properties

Appearance	Clear colourless liquid
Odour	Slight Petroleum
Odour Threshold	Not applicable
pH	Not applicable
Boiling Point	78 - 196°C
Melting Point	Not applicable
Freezing Point	Not applicable
Flash Point	<0°C
Auto ignition point	>200°C
Upper and Lower Exposure Limits	Not applicable
Vapour Pressure	Not applicable
Relative Vapour Density	Not applicable
Density @ 15°C	0.75
Solubilities	Negligible
Partition Coefficient:	Not applicable
Viscosity	Not applicable
Decomposition Temperature	Not applicable
% Volatile wt/wt	100%
Evaporation Rate	Not applicable

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Conditions to Avoid	Strong oxidizers.
Incompatible Materials	Natural rubber, butyl rubber, EPDM, polystyrene
Hazardous Decomposition Products	None

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable
Dermal	Not applicable.
Inhalation	Not applicable
Eye	Causes severe irritation to eyes.
Skin	Causes mild skin irritation.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	May be fatal if swallowed and enters airways. Small amounts of liquid aspirated into the lungs during ingestion, or from vomiting, may cause chemical pneumonitis, or pulmonary oedema. Ingesting large amounts of this product will result in headaches, nausea, dizziness and tracheal burning.
STOT/SE	Not applicable.
STOT/RE	Causes damage to organs through prolonged or repeated exposure.

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Section 12. Ecotoxicological Information

HSNO Classes:

9.1B = Toxic to aquatic life with long lasting effects.
Avoid release into drains and waterways.

Cyclohexane:	Daphnia magna EC ₅₀ (48hr) 3.7mg/L
Hexane:	Fathead minnow LC ₅₀ (96hr) 2.5 mg/L Daphnia magna EC ₅₀ (48hr) 3.9 mg/L
Methylcyclohexane:	Daphnia magna EC ₅₀ (48hr) 1.56 — 2.46 mg/L
Nonane:	Fish, LC ₅₀ (96h) 0.12 mg/L Daphnia magna, EC ₅₀ (48 h) 0.04 mg/L Algae, LC ₅₀ (72 h) 0.03 mg/L

Persistence/degradability:

Product contains some components that are either persistent (cyclohexane) or bioaccumulative (heptane). Based upon data for similar components or estimated data, this product is expected to biodegrade and be 'readily' biodegradable according to OECD guidelines. Expected to be removed in wastewater treatment. Oxidizes rapidly by photo-chemical reactions in air.

Mobility: This product is highly volatile and will rapidly evaporate to the air if released into water.

Section 13. Disposal Considerations

Disposal Methods:

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authority requirements. Packaging may still contain fumes and vapours that are flammable. Ensure that empty packaging is allowed to dry.

Special Precautions for Landfill or Incineration:

This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product is ashless and can be burned directly in appropriate equipment. In the absence of a designated industrial incinerator, this product should be treated and disposed of through a chemical waste treatment facility, or considered for use in solvent recycling.

Section 14 Transport Information

This product is classified as a Dangerous Good for transport in NZ; NZS 5433:2012

Transport Pictograms:



Road and Rail Transport

UN No:	3295
Class-primary	3
Packing Group	II
Proper Shipping Name:	HYDROCARBONS LIQUID N.O.S

Air Transport

UN No: 3295
 Class-primary 3
 Packing Group II
 Proper Shipping Name: HYDROCARBONS LIQUID N.O.S

Marine Transport

UN No: 3295
 Class-primary 3
 Packing Group II
 Proper Shipping Name: HYDROCARBONS LIQUID N.O.S

Section 15	Regulatory Information
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EPA Approval Code: Solvents (Flammable hazard) - HSR002650

HSNO Classification: 3.1B 6.1E(asp), 6.3B, 6.4A, 6.9A, 9.1B

HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	≥250L if container is >5L ≥500L if container is <5L
Location Certificate	100L(>5L), 250L(<5L), 50L open
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250L (3.1B)
Emergency Response Plan trigger Quantities	1000L (3.1B)
Restriction of use	None

Section 16	Other Information
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1. Hazardous Substances Data Bank (HSDB), a database of the National Library of Medicine's TOXNET system (<http://toxnet.nlm.nih.gov>).

2. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

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Please contact Glasscorp Limited, if further information is required.

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