

SAFETY DATA SHEET- BRAKE KLEEN



Section 1: Identification of the Substance/Mixture and of the Supplier

Product Name: 1425 Solvent
Proper Shipping Name Flammable liquid, n.o.s.
Recommended use: Solvent Cleaner
Restriction of use: Refer to Section 15

Company Details Marketing Chemicals Ltd
Address: 7 Rymer Place, Mangere Bridge
Auckland. New Zealand
Emergency Telephone: +64 274 340990(24 hours)
National Poison Center(24 hours): 0800 POISON [764 766]
Telephone: +64 9 634 3862 [8.00 am to 4.30pm – Monday to Friday]
Fax: +64 9 634 3864
Date of preparation 29 August 2024 v2

Section 2: Hazard Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

Pictograms:



EPA Approval Number: Cleaning Products (Flammable) – HSR002528

Signal Word: DANGER

GHS Category	Hazard Code	Hazard Statement
Flammable Liquids Cat. 3 Aspiration hazard Cat. 1	H226 H304	Flammable liquid and vapour. May be fatal if swallowed and enters airways.
Skin irritation Cat. 2 Reproductive toxicity Cat. 2	H315 H361	Causes skin irritation. Suspected of damaging fertility or the unborn child.
specific target organ toxicity - single exposure Cat 3 - Narcotic Effects	H336	May cause drowsiness or dizziness.
Hazardous to the aquatic environment chronic Cat. 2	H411	Toxic to aquatic life with long lasting effects.

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating, and lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in SDS Section 8.

Response code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P331	Do NOT induce vomiting.
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.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P362+P364	Take off contaminated clothing and wash before reuse.
P370 + P378	In case of a fire use CO2, Dry Chemical or Foam.

Storage Code	Storage Statement
P405	Store locked up.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.

Section 3: Composition/Information on Ingredients

Name	Concentration %	CAS Number
Petroleum Naptha Hydrotreated Light	> 60	64742-49-0

Note: Manufacturer has provided full ingredient information for assessment.

Section 4: First Aid Measures

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.
Skin:	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.
Ingestion:	If medical advice is needed, have product container or label at hand. Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting.
Inhalation:	Remove from contaminated area. Get medical advice/attention if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms:

Ingestion:	Nausea, vomiting & sweating with burns to the mouth & oesophagus may occur. Unconsciousness may follow
Inhalation:	The vapour is discomforting to the upper respiratory tract and lungs and may be harmful if inhaled. Dizziness & shortness of breath occur from mild poisoning.
Skin:	Possible irritation on sensitive skin
Eye:	Irritation

**FOR FURTHER INFORMATION CONTACT (24 hours) THE NATIONAL POISON CENTRE:
0800 POISON [764 766]**

Section 5: Fire Fighting Measures

Hazard Type	Flammable Liquid
Hazards from products	Oxides of Carbon when burned.
Suitable Extinguishing media	CO ₂ , Dry Chemical or Foam. Water spray or Fog (for large fires only)
Precautions for firefighters and special protective clothing	Full respiration equipment is advisable. Evacuate area.
HAZCHEM CODE	3Y

Section 6: Accidental Release Measures

Land Spills or Leaks:	Wear protective clothing as detailed in Section 8. Remove all unnecessary personnel. Eliminate ignition sources. Contain spill with inert material & place in recovery containers for disposal. Avoid release to the environment.
Waste Disposal Method:	Dispose through Licensed Disposal Company

Section 7: Handling And Storage

Handling

- Keep out of reach of children.
- Read label before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, sparks, open flames and hot surfaces. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical, ventilating, and lighting.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Avoid release to the environment.
- Wear protective clothing.
- Use personal protective equipment as required.

Storage:

- Store in a well-ventilated place. Keep cool.
- Keep out of reach of children.
- Store locked up.
- Protect containers against physical damage and check regularly for leaks.

Section 8: Exposure Controls/Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³

No ingredients have exposure limits

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 (WES-STEL). 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. Workplace Exposure Standards and Biological Exposure Indices Nov 2023 14TH EDITION.

Personal Protection Equipment



Engineering Controls: Local exhaust ventilation usually required
Eye / Face Protection: Safety glasses with a side shield or a full-face shield should be worn.
Body Protection: Overalls / PVC apron
Respiratory Protection: Self contained Breathing apparatus required if using in a confined space

Section 9: Physical And Chemical Properties

Appearance	Liquid
Colour	Water white
Odour	Solvent Odour
Odour Threshold	Not available
pH	Not applicable
Boiling Point	85°C
Melting Point	Not available
Freezing Point	Not available
Flash Point	-22°C (cup closed)
Flammability	Flammable
Upper and Lower Explosive Limits	1% to 6.0%
Vapour Pressure	<35
Vapour Density	4.8
Specific Gravity	0.70 g/cm ³ @ 25°C
Solubility in Water	Insoluble
Partition Coefficient:	Not available
Auto-ignition Temperature	280°C
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not applicable
Volatiles	100%

Section 10: Stability And Reactivity

Conditions Contributing to Instability: Not available.
Incompatibility: Sources of heat &/or ignition, Oxidising agents.
Hazardous Decomposition Products: Carbon Dioxide & Water
Conditions Contributing to Hazardous Polymerization Will not polymerise

Section 11: Toxicological Information

Acute Effects:

Swallowed	This product is not classified as acutely toxic.
Dermal	This product is not classified as acutely toxic.
Inhalation	This product is not classified as acutely toxic.
Eye	This product is not classified an eye irritant/corrosive.
Skin	Causes skin irritation.

Chronic Effects:

Carcinogenicity	This product is not classified as carcinogenic.
Reproductive Toxicity	Suspected of damaging fertility or the unborn child.
Germ Cell Mutagenicity	This product is not classified as mutagenic.
Aspiration	May be fatal if swallowed and enters airways.
STOT/SE	May cause drowsiness or dizziness.
STOT/RE	This product is not classified as STOT RE.

Section 12: Ecological Information

Toxic to aquatic life with long lasting effects

Environmental Precautions: Do not allow product to wash into waterways.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13: Disposal Considerations

Recover and recycle product whenever possible. Dispose of waste in accordance with Regional Authority or local council bylaws.

Ensure empty containers are vented and dry. Residues may cause an explosion hazard. Do not puncture, cut or weld un-cleaned drums. Send clean dry drums to recycler or metal scrap re-claimer. Do not use empty drums for storing other products.

Section 14: Transport Information

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021



Road, Rail, Sea and Air Transport

UN No	1993
Class - Primary	3
Packing Group	II
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S.
Marine Pollutant	Yes
Special Provisions	If the product's individual container is below 1L, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

Section 15: Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Cleaning Products (Flammable) - HSR0002528

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	100L (>5L), 250L (<5L), 50L open
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250L
Emergency Response Plan	1000L
Secondary Containment	1000L
Fire Extinguishers	2 x >250L
Restriction of Use	None

Section 16: Other Information

Glossary

EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2023 14th edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

Marketing Chemicals Ltd has taken care in compiling this information. No liability is accepted directly or indirectly from its application as conditions of use are outside the Company's control. End users are obliged to conform to relevant Local Government regulations.

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End of Safety Data Sheet.