



SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Petrol Injector Cleaner
Product Code: 8507
Other Names: Smith Lubricants Petrol Up
Environmentally Hazardous Substance, Liquid, N.O.S.
(100% Liquid Hydrocarbon)
Recommended Use: Aid to the cleaning of automotive fuel injectors
Supplier: Smith Lubricants
Street Address: 26 Hall Street
Texas, Queensland 4385
AUSTRALIA
Telephone Number: +61 427 274 152

2. HAZARDS IDENTIFICATION

Classification

Classified as hazardous according to NOHSC criteria
Classified as a dangerous good according to the ADG code
Classified as a Poison according to the SUSMP
Classified as Hazardous according to the HSNO Act, New Zealand

Hazard Category: Xn, Harmful
This material is a scheduled poison S5 and must be stored, maintained and used in accordance with the relevant regulations

Risk Phrases: R65: Harmful: May cause lung damage if swallowed
Safety Phrases: S24/25: Avoid contact with skin and eyes
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection

Dangerous Goods Category: Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

Class: 3 Flammable Liquid, PGII
HSNO Category: Lubricants (Flammable) Group Standard 2006
HSNO Approval Number: HSR002603



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3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Ingredient	CAS No.	Proportion % v/v
Petroleum naphtha	64742-88-7	>60%
Nonyl phenol ethoxylate	9016-45-9	<10%
Ingredients determined to be non-hazardous	-	Balance

4. FIRST-AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

Inhalation:

Remove victim from the area of exposure - avoid becoming a casualty. Remove contaminated clothing & loosen remaining clothes. Allow the patient to assume the most comfortable position & keep warm. Keep at rest until full recovered. Seek medical advice if the effects persist.

Skin Contact:

For gross contamination, immediately drench with water & remove clothes. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with a clean dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical advice.

Eye Contact:

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Center or a Doctor; or for at least 15 minutes and transport to a Doctor or Hospital.

Ingestion:

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Notes to physician:

Treat symptomatically.



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5. FIRE-FIGHTING MEASURES

Specific Hazards:

Flammable liquid. May form flammable vapor mixtures with air. Flameproof equipment is necessary in areas where this chemical is being used. Nearby equipment must be earthed. Electrical requirements for work area should be assessed according to AS3000. Vapour may travel a considerable distance to source of ignition and flashback. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark-producing switches and electrical equipment, etc) must be eliminated both in and near the work area. Do NOT smoke.

Fire fighting further advice:

If safe to do so, remove containers from the path of fire. Keep containers cool with water spray. On burning may emit toxic fumes. Firefighters to wear self-contained breathing apparatus and suitable protective clothing if the risk of exposure to products of combustion.

Suitable Extinguishing Media:

If the material is involved in fire use: foam, dry agent (carbon dioxide, dry chemical powder)

Hazchem Code: · 3Y

6. ACCIDENTAL RELEASE MEASURES

Small Spills:

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapors. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

Large Spills:

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapors.

Work upwind or increase ventilation. Contain - prevent runoff into drains and waterways. Use absorbent (soil, sand, or other inert material). Use a spark-free shovel. Collect and seal in properly labeled containers or drums for disposal. If contamination of seres or waterways has occurred advise local emergency services.

Dangerous Google - Initial Emergency Response Guide No: 14



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7. HANDLING AND STORAGE

Conditions for safe storage:

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

Precautions for safe handling:

Avoid skin and eye contact and inhalation of vapor, mists, and aerosols.

Other:

This material is classified as a Dangerous Good Class 3 Flammable Liquid as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations. This material is a Scheduled Poison S5 and must be stored, maintained, and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

	TWA	STEL	Carcinogen	Notices
	Ppm mg/m3	ppm mg/m3	CATEGORY	
Solvent naphtha	- -	- 500	-	-

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values:

As per the "National Model Regulations for the Control of Workplace Hazardous Substances (SWA)" the ingredients in this material do not have a Biological Limit allocated.



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Engineering measures:

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal Protective Equipment:

OVERALLS, SAFETY SHOES, CHEMICAL GOOGLES, GLOVES

Wear overalls, chemical goggles, and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to the variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking, or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Slightly coloured liquid with a solvent odor
Odour	Solvent Odour
Boiling point/range	157-178(°C)
Specific Gravity	0.75 - 0.80 g/mL
Vapour Pressure	0.45 kPa
Viscosity	Not applicable
Flash Point (°C)	40 °C
Solubility in Water	Insoluble
Flammability	LEL - 0.45; UEL - 3.6% by volume

10. STABILITY AND REACTIVITY

Chemical Stability:	The material thermally stable when stored and used as directed
Conditions to avoid:	Elevated temperatures and sources of ignition
Incompatible materials:	Oxidising agents.
Hazardous decomposition products:	Oxides of carbon and nitrogen, smoke, and other toxic fumes
Hazardous reactions:	No known hazardous reactions



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11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects:

Ingestion: Swallowing can result in nausea, vomiting, and irritation of the gastrointestinal tract. May cause lung damage is swallowed, Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchopneumonia or pulmonary oedema.

Eye contact: A severe eye irritant. May cause temporary impairment of vision

Skin contact: Contact with skin may result in irritation.

Inhalation: Material may be irritant to mucous membranes and respiratory tract

Long Term Effects: No information available for the product.

Acute toxicity/Chronic toxicity: No LD50 data is available for the product.

12. ECOLOGICAL INFORMATION

No ecological data is available for this material

Environmental Protection Prevent this material from entering the environment

Ecotoxicity: No data is available for this specific product

Persistence/Degradability: No data is available for this specific product

Mobility: No data is available for this specific product

Bioaccumulation: No data is available for this specific product



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13. DISPOSAL CONSIDERATIONS

Disposal methods:

Refer to State or Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor.

14. TRANSPORTATION INFORMATION

Road and Rail Transport:

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

UN No: 1993
Class-primary: 3
Packing Group: III
Hazchem Code: 3Y
Emergency Response Guide No: 14
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (PETROLEUM NAPHTHA)
Segregation Dangerous Goods: Not to be loaded with explosives (class 1), flammable gases (class 2.1), if both are in bulk, toxic gases (class 2.3), spontaneous combustible substances (class 4.2), oxidizing agents (class 5.1), organic peroxides (class 5.2), or radioactive substances (class 7), however, exemptions may apply.

Marine Transport:

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

UN No: 1993
Dangerous Goods Class: 3
Packing Group: III
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (PETROLEUM NAPHTHA)

Air Transport:

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOODS.



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15. REGULATORY INFORMATION

SUSMP Poisons Schedule

Schedule 5 (LIQUID HYDROCARBONS)

Industrial Chemicals (Notification and Assessment) Act and NZIoC

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

16. OTHER INFORMATION

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

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