



12193

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HIGH PRESSURE 3

Material Safety Data Sheet

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Wynn's High Pressure 3
Other Names	12193 500 ml Liquid Hydrocarbons / SUSDP Schedule 5 FLAMMABLE LIQUID, N.O.S. / ADG
Recommended Use	Diesel fuel additive
Supplier Name	Wynn's Australia Pty Ltd An (ITW), Illinois Tool Works Company ABN 73 000 370 150
Address	100 Hassall Street, Wetherill Park N.S.W 2164 Private Bag 35, Wetherill Park DC, N.S.W. 2164
Telephone Number	(02) 9828 0900 Email: wynnsaus@wynns.net Website: www.wynns.net
Emergency Phone Number	(02) 9828 0900 Monday-Friday 8.00am – 5.00pm 13 11 26 (24 hours Australia) Poisons Information Centre (PIC) 0800 764 766 (New Zealand) Poisons Information Centre (PIC)

SECTION 2 HAZARDS IDENTIFICATION

Hazard Classification	HAZARDOUS SUBSTANCE. DANGEROUS GOODS. Classified as hazardous according to the criteria of NOHSC. Classified as Dangerous Goods according to the criteria of the ADG Code.
Risk Phrase	R 10 Flammable R 36/37/38 Irritating to eyes, respiratory system and skin. R 40 Possible risks of irreversible effects. R 44 Risk of explosion if heated under confinement. R 65 Harmful: May cause lung damage if swallowed.

Safety Phrase

S 2 Keep out of reach of children.
 S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S 35 This material and its container must be disposed of in a safe way.
 S 36/37 Wear suitable protective clothing and gloves.
 S 45 In case of accident or if you feel unwell, seek medical advice immediately.
 S 51 Use only in well ventilated area.
 S 62 If swallowed, do not induce vomiting, seek medical advice immediately.

SECTION 3**COMPOSITION/INFORMATION ON INGREDIENTS****Pure substances**

Not applicable – Mixture

Mixtures

Chemical Identity	CAS Number	Proportion
2 ethyl hexyl nitrate	27247-96-7	<10%
Kerosene (petroleum)	8008-20-6	<85%
Solvent naphtha	64742-94-5	<2.5%
Naphthalene	91-20-3	<0.5%

SECTION 4**FIRST AID MEASURES****Ingestion**

If swallowed, do NOT induce vomiting. If vomiting occurs, keep head below hips to help keep liquid from entering the lungs. For advice, contact a Poisons Information Centre or a doctor.

Skin

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash affected area with soap and water.

Eye

If in eyes, flush with water for 15 minutes. If irritation persists, call for medical help.

Inhalation

Remove person to fresh air to avoid further inhalation. Apply artificial respiration if not breathing.

First Aid Facilities

Eye wash station.

Advice to Doctor

Contains 850mL/L Liquid Hydrocarbons.
 Aspiration into the lungs during ingestion or vomiting can result in severe pulmonary damage.

If more than 2ml per kg body weight has been ingested without vomiting, emesis should be induced with medical supervision.

SECTION 5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Dry chemicals, carbon dioxide, water spray and foam are recommended.
Hazards From Combustion Products	Thermal decomposition may produce oxides of carbon, sulphur and nitrogen.
Precautions For Fire Fighters	Flammable liquid. Avoid heat, flame or other sources of ignition. Vapours may be ignited by heat or flame. Containers exposed to heat from fire should be cooled with water to prevent vapour pressure build up.
Special Protective Equipment	Fire fighters should wear self contained breathing apparatus when hydrocarbons are involved in fire.
Hazchem Code	3[Y]E

SECTION 6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Isolate area and restrict entry. Eliminate all sources of ignition.
Methods and Materials for Containment and Clean Up Procedures	Use absorbent, sand or clay. Shovel into containers. Remove to outside. Prevent liquid from entering sewers and water ways. Dispose of in accordance with Federal, State and Local regulations.

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling	Keep away from heat and sparks. Do not breathe vapours. Keep containers closed. Keep out of reach of children.
Conditions for Safe Storage	Provide adequate ventilation. Do not store opened containers. Use entire contents.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

Name	ES-TWA	ES-STEL	ES-Peak
None established for product.	-	-	-
Established for ingredients			
Mineral Oil Mist	5 mg/m ³	10 mg/m ³	-

Alternative Standards	Petroleum Oil Mist	OSHA (PEL)	5 mg/m ³
		ACGIH (TLV-TWA)	5 mg/m ³
	Contains no other ingredients now known to be hazardous as defined by OSHA 29CFR 1910.1000(z) and 29CFR 1910.1200.		
	Exposure Standard means the average concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers.		
Biological Limit Values	No biological limit allocated.		
Engineering Controls	Provide adequate general or local ventilation to maintain concentrations below ES / TLV / PEL limits.		
Personal Protective Equipment			
Respiratory Protection	None required with normal application or use of product. If vapours exceed ES / TLV / PEL values, use a NIOSH approved respirator.		
Eye / Face Protection	Use safety glasses.		
Skin Protection	Chemical resistant gloves.		
Thermal Hazards	None applicable.		

SECTION 9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance	Clear thin yellow liquid
Odour	Petroleum distillate
pH Value	Not applicable
Vapour Pressure	> 1 mm Hg @ 20°C
Vapour Density	> 1 @ 20°C (air = 1)
Boiling Point/Range	110 - 277°C
Freezing Point	Not available
Melting Point	Not applicable
Solubility	Not emulsible in water
Density	0.813 @ 20°C
Flash Point	45°C (PMCC)
Flammable Limits	Not available
Ignition Temperature	Not available

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability	Stable
Conditions to Avoid	Heat, flame, or other sources of ignition.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition may produce oxides of carbon, sulphur and nitrogen.
Hazardous Reactions	Polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Toxicology Information	This material has not been identified as a carcinogen by NTP, IARC or OSHA. Chronic exposure may cause kidney and liver damage.
Acute Health Effects	
Ingestion	Ingestion of this material may cause vomiting. Aspiration into the lungs during ingestion or vomiting can result in severe pulmonary damage.
Inhalation	Inhalation of vapours or mist may cause mild irritation to the upper respiratory tract. High level exposure may result in central nervous system depression.
Eye	May cause irritation to eyes.
Skin	May cause irritation to skin. Prolonged or repeated contact can result in defatting and drying of skin.
Chronic Health Effects	

SECTION 12 ECOLOGICAL INFORMATION

Mobility	
Ecology - General	According to literature: environmental hazard.
Ecology - Water	Contains ground water contaminating component(s) Water pollutant (surface water) Literature reports: toxic to aquatic organisms Literature reports may cause long-term adverse effects in the aquatic environment.
Persistence and Degradability	
WGK	2.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal Methods	Dispose of waste according to federal, EPA, state and local regulations. Assure conformity with all applicable regulations.
Special Precautions for Landfill or Incineration	Material suitable for disposal by incineration or landfill through a approved agent.

SECTION 14 TRANSPORT INFORMATION

UN Number	1993
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S.
Class and Subsidiary Risk	3
Packing Group	111
Special Precautions for User	None required.
Hazchem Code	3[Y]E
Sea (IMPG)	
IMDG Class	3
Marine Pollutant	P
EMS Number	F-E, S-E
IMDG Package Group	III

SECTION 15	REGULATORY INFORMATION
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Poisons Schedule	Liquid Hydrocarbons / Schedule 5 SUSDP No. 21 (2006).
Hazard Category	Toxic / NOHSC : 10005 (1999). FLAMMABLE LIQUID, N.O.S. / ADG Code Sixth Edition (1998).

SECTION 16	OTHER INFORMATION
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Acronyms

ABN	Australian Business Number
ACGIH	American Conference of Governmental Industrial Hygienists
ADG	Australian Dangerous Goods
AICS	Australian Inventory of Chemical Substances
AS	Australian Standard
CAS	Chemical Abstracts Service (USA)
COC	Cleveland Open Cup
EPA	Environment Protection Agency (Australian States)
IARC	International Agency for Research on Cancer
IP	Institute of Petroleum (UK)
NIOSH	National Institute for Occupational Safety and Health (USA)
NOHSC	National Occupational Health and Safety Commission (Australia)
NTP	National Toxicology Program (USA)
NZS	New Zealand Standard
OSHA	Occupational Safety and Health Administration (USA)
PEL	Permissible Exposure Level
PMCC	Pensky – Martens Closed Cup
SCBA	Self-Contained Breathing Apparatus
STEL	Short Term Exposure Limit
SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons (Australia)
TLV	Threshold Limit Value
TWA	Time Weighted Average
UN	United Nations

Abbreviations

cP	centiPoise
cSt	centiStoke
g	gram
Hg	Mercury
kPa	kiloPascal
L	litre
m ³	cubic metre
mg	milligram
mL	millilitre
mm	millimetre
°C	degrees of temperature in Celsius (Centigrade)
%	percent(age)

Note

This form has been prepared in accordance with the National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011 (2003)] issued by the National Occupation Health and Safety Commission April 2003.

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END OF MATERIAL SAFETY DATA SHEET