



58701A/58720

Issue Date: March 2008



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# HYDRAULIC SYSTEMS CONCENTRATE

## Material Safety Data Sheet

### SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name</b>	Wynn's Hydraulic Systems Concentrate
<b>Other Names</b>	58701A 5 litres/58720 20 litres
<b>Recommended Use</b>	Lubricating oil for hydraulic systems
<b>Supplier Name</b>	Wynn's Australia Pty Ltd An (ITW), Illinois Tool Works Company ABN 73 000 370 150
<b>Address</b>	100 Hassall Street, Wetherill Park NSW 2164 Private Bag 35, Wetherill Park DC NSW 2164
<b>Telephone Number</b>	(02) 9828 0900 Email: <a href="mailto:wynnsaus@wynns.net">wynnsaus@wynns.net</a> Website: <a href="http://www.wynns.net">www.wynns.net</a>
<b>Emergency Phone Number</b>	(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

<b>Hazard Classification</b>	HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. Classified as hazardous according to the criteria of NOHSC. Not classified as a Dangerous Good according to the criteria of the ADG Code.
<b>Risk Phrase</b>	R 21 Harmful in contact with skin.
<b>Safety Phrase</b>	S 45 In case of accident or if you feel unwell, seek medical advice immediately.

<b>SECTION 3</b>	<b>COMPOSITION/INFORMATION ON INGREDIENTS</b>
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**Pure substances**

Not applicable – Mixture

**Mixtures**

Chemical Identity	CAS Number	Proportion
Solvent refined heavy naphthenic mineral oil.	64741-96-4	>60%
Other non-hazardous ingredients	-	10 - < 30%

<b>SECTION 4</b>	<b>FIRST AID MEASURES</b>
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**Ingestion**

If swallowed, do NOT induce vomiting. Immediately wash out mouth with water, and then give plenty of water to drink. Seek medical attention.

**Skin**

If skin contact occurs, remove contaminated clothing, and flush skin with running water. Wash affected area with soap. If irritation persists, call for medical help.

**Eye**

If in eyes, hold eyelids apart and flush the eye continuously with running water. If irritation persists, call for medical help.

**Inhalation**

Remove person to fresh air to avoid further inhalation.

**First Aid Facilities**

Eyewash station.

**Advice to Doctor**

Treatment should be controlled by symptoms and clinical conditions. Emesis may be induced under medical supervision.

<b>SECTION 5</b>	<b>FIRE FIGHTING MEASURES</b>
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**Suitable Extinguishing Media**

Dry chemicals, carbon dioxide, water fog, foam.

**Hazards From Combustion Products**

Thermal decomposition may produce oxides of carbon, sulphur, nitrogen, phosphorus, zinc and sodium.

**Precautions For Fire Fighters**

Use water to cool fire-exposed containers. Combustion will produce smoke and toxic fumes.

**Special Protective Equipment**

Fire fighters to use a self contained breathing apparatus.

**Hazchem Code**

None allocated

## SECTION 6 ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	Contain spill which may be slippery. Remove all sources of ignition. Increase ventilation.
<b>Methods and Materials for Containment and Clean Up Procedures</b>	Use absorbent sand, clay or vermiculite. Shovel into containers. Prevent liquid from entering into sewers and waterways. Dispose of in accordance with Federal, State and Local regulations.

## SECTION 7 HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Keep containers closed. Keep out of reach of children. Avoid skin and eye contact.
<b>Conditions for Safe Storage</b>	Store in cool, well ventilated area. Combustible. Avoid heat, open flame and strong oxidising agents.

## 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 <sup>3</sup>	10 mg/m <sup>3</sup>	

### Alternative Standards

Petroleum Oil Mist	OSHA (PEL)	5mg/m <sup>3</sup>
	ACGIH (TLV-TWA)	5mg/m <sup>3</sup>

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

For normal use, no ventilation is required. Use in a normal ventilated area.

### Personal Protective Equipment

#### Respiratory Protection

For normal use, none required.

#### Eye / Face Protection

Safety glasses.

#### Skin Protection

PVC or Nitrile gloves. Rubber, plastic gloves.

#### Thermal Hazards

None allocated.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Clear light brown liquid
<b>Odour</b>	Mild petroleum
<b>pH Value</b>	Not applicable
<b>Vapour Pressure</b>	<1mm Hg @ 20°C
<b>Vapour Density</b>	>1 (air = 1) @ 20°C
<b>Boiling Point/Range</b>	>210°C
<b>Freezing Point</b>	-29°C
<b>Melting Point</b>	Not applicable
<b>Solubility</b>	<0.1% in water
<b>Density</b>	0.929 @ 15°C
<b>Flash Point</b>	138°C (COC)
<b>Flammable Limits</b>	Not available
<b>Ignition Temperature</b>	Not available
<b>Viscosity</b>	32.7 cSt @ 40°C

**SECTION 10 STABILITY AND REACTIVITY**

<b>Chemical Stability</b>	Stable
<b>Conditions to Avoid</b>	Heat, open flame.
<b>Incompatible Materials</b>	Strong oxidising agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may produce oxides of carbon, sulphur, nitrogen, phosphorus, zinc and sodium.
<b>Hazardous Reactions</b>	Polymerization will not occur.

**SECTION 11 TOXICOLOGICAL INFORMATION**

<b>Toxicology Information</b>	This material has not been identified as a carcinogen by NTP, IARC OR OSHA. Contains no other ingredients now known to be hazardous as defined by OSHA 29CFR 1920.1000(z) and 29 CFR 1910.1200.
<b>Acute Health Effects</b>	
<b>Ingestion</b>	If swallowed, may cause slight irritation to digestive tract. Signs and symptoms are discomfort, nausea, vomiting.
<b>Inhalation</b>	Vapours generated at elevated temperatures can cause irritation to respiratory tract.
<b>Eye</b>	Will cause irritation to the eyes on direct contact, symptoms include redness and blurred vision.

**Skin** May absorb on prolonged contact. Can cause irritation to skin. Prolonged contact causes redness, defatting of skin to sensitive individuals.

### **Chronic Health Effects**

**Skin** Prolonged and repeated contact with skin, will cause skin irritation, defatting of skin and redness.

## **SECTION 12 ECOLOGICAL INFORMATION**

**Ecotoxicity** No ecotoxicological classifications.

**Persistence/  
Degradability** This product is inherently biodegradable.

**Mobility** Not available.

## **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 an approved agent.

## **SECTION 14 TRANSPORT INFORMATION**

**UN Number** None allocated.

**Proper Shipping Name** Not applicable.

**Class and Subsidiary  
Risk** Not applicable.

**Packing Group** Not applicable.

**Special Precautions  
for User** None applicable.

**Hazchem Code** None allocated.

<b>SECTION 15</b>	<b>REGULATORY INFORMATION</b>
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<b>Poisons Schedule</b>	None scheduled.
<b>Hazard Category</b>	Harmful / NOHSC : 10005 (1999).

<b>SECTION 16</b>	<b>OTHER INFORMATION</b>
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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 <sup>3</sup>	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 2<sup>nd</sup> 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**